

Pollution Prevention Plan
for
North Hartland Lake

APPENDICES



**US Army Corps
of Engineers**
New England Division

June 1996

POLLUTION PREVENTION PLAN

APPENDICES

LOCATION:

NORTH HARTLAND LAKE
NORTH HARTLAND, VERMONT

PREPARED BY:

ENGINEERING DIRECTORATE
WATER CONTROL DIVISION
ENVIRONMENTAL ENGINEERING
AND HYDRAULICS BRANCH



US Army Corps
of Engineers
New England Division

**POLLUTION PREVENTIOIN PLAN
APPENDICES**

Following are appendices for the North Hartland Lake Pollution Prevention Plan. Appendices A, B, C, and D are available at the project and will be inserted by the basin manager.

<u>Appendix</u>	<u>Subject</u>
A	Figures
	1 North Hartland Lake Location Map
	2 Connecticut River Basin Map
	3 North Hartland Lake Dam Layout
	4 North Hartland Lake Reservoir Map
	5 Locations of Oil Storage Tanks
B	Oil Storage Tank Inventory
C	Chemical Product Inventory
D	List of Oil and Hazardous Substances and Reportable Quantities
D1	Oil and Other Petroleum Products Stored at North Hartland Lake
D2	List of Hazardous Wastes per Vermont Hazardous Waste Management Regulations, Section 7, Subchapter 2
D3	List of Hazardous Substances and Reportable Quantities per 40 CFR 302
E	Project Activities and Related Wastes
F	North Hartland Lake's Pollution Prevention Strategy Sheet
G	Recyclable Items at North Hartland Lake
H	Vermont Department of Environmental Conservation Recycling Services Directory
I	Pollution Prevention Technical Assistance Programs
J	Defense Logistic Agency Centers
K	Executive Order 12856
L	Title 40, CFR, 1995 rev, Part 112.7; Oil Pollution Prevention

M	Glossary
N	References
O	Amendments/Changes to P2 Plan

Appendix A

Figures

- | | |
|---|-----------------------------------|
| 1 | North Hartland Lake Location Map |
| 2 | Connecticut River Basin Map |
| 3 | North Hartland Lake Dam Layout |
| 4 | North Hartland Lake Reservoir Map |
| 5 | Locations of Oil Storage Tanks |

Appendix B

Oil Storage Tank Inventory

Appendix C

Chemical Product Inventory

Appendix D

List of Oil and Hazardous Substances
and Reportable Quantities

Appendix D1

Oil and Other Petroleum Products
Stored at North Hartland Lake

Appendix D2

List of Hazardous Wastes per Vermont Hazardous
Waste Management Regulations, Section 7, Subchapter 2

Appendix D3

List of Hazardous Substances and Reportable
Quantities per 40 CFR 302

Appendix E

Project Activities and Related Wastes

PROJECT ACTIVITIES AND RELATED WASTES

Process Source

Waste Examples

Air Emissions

Painting Volatiles

Paint VOCs

Solvent Volatiles

Solvent VOCs

Vehicle Emissions

Carbon Monoxide

Other Air Emissions

Asbestos

Hazardous Wastes

Chemical Paint Stripping

Paint Strippers, paint sludge

Products with Expired Shelf Life

Expired shelf life wastes such as paints, solvents, cleaning materials, etc.

Fluid Change Out/Purging &
Vehicle Maintenance

Oily waste, lubricating oil, hydraulic fluid, contaminated fuel, brake fluid, antifreeze, windshield washer fluid, automobile batteries

Facility/Project Lands Maintenance

Cleaning supplies/chemicals, fertilizer, signs, yard refuse, illegally dumped waste (tires, roofing shingles, etc.)

Painting Operations

Paint, paint sludges

Spill Cleanup

Absorbent, rags, booms, pigs, drip pans, contaminated soil

Solvents/Degreasing/Cleaning

Cleaning solvents, Methyl Ethyl Ketone (MEK)

Transformer Replacement

PCBs

Pesticide/Herbicide Treatment

Pesticide/herbicide waste

Equipment/Machine Maintenance

Cleaning solvents, lubricating oils & greases

Other Wastes

Office Operation

Paper, shipping and packing materials, newspapers, containers (plastic, glass, metal), household batteries, fluorescent lamps & ballasts

Log Boom

Wood, miscellaneous debris

Public Use Areas (Picnic & Swimming
Areas, etc.)

Miscellaneous wastes, containers (plastic, glass, metal), paper products

Construction/Renovation

Asphalt, construction debris (concrete, lumber, etc.)

Appendix F

North Hartland Lake's Pollution Prevention
Strategy Sheet

NORTH HARTLAND LAKE'S POLLUTION PREVENTION STRATEGY SHEET

<u>GOAL</u>	<u>ESTABLISHED</u> <u>BY</u>	<u>TARGET</u> <u>DATE</u>
Contribute to the 25 to 50% reduction of the total waste stream within the Upper Connecticut River Basin.	NED	1999
Reduce all hazardous substances/wastes located at North Hartland Lake to quantities below reportable quantities/limits that are set by the VT DEC.	NED	1999
Provide approved secondary containment structures for all chemical/oil storage tanks located at North Hartland Lake.	NED	1999

Appendix G

Recyclable Items at North Hartland Lake

RECYCLABLE ITEMS AT NORTH HARTLAND LAKE

<u>Operation</u>	<u>Recyclable</u>	<u>Description</u>
Office Operation	Paper	-High grade office paper (computer paper, stationary bond, copy machine paper, miscellaneous plain paper) -Newspaper -Magazines -Cardboard
	Food and Drink Containers	-Glass -Metal (aluminum, tin) -Plastic - Polyethylene Terephthalate (PET), High Density Polyethylene (HDPE), Polyvinyl Chloride (PVC), Low Density Polyethylene (LDPE), Polypropylene (PP), Polystyrene (PS), Other -Aseptic packaging (paper milk cartons, drink boxes)
	Batteries (other than car batteries)	-Nickel cadmium batteries
Equipment/Vehicle Maintenance	Motor Oil	
	Antifreeze	
	Car Batteries	
	Tires	
Construction/ Renovation	Construction and Demolition Debris	-Asphalt, bricks, concrete (ABC), soil, rock, wall coverings, drywall, plumbing fixtures, insulation, roofing shingles, glass, metal, wood waste, electrical wires
Facility/Project Maintenance	Yard Waste & Composting	-Prunings, bulky wood yard waste (e.g. trees, large branches, and stumps), leaves, grass clippings

Appendix H

Vermont Department of Environmental
Conservation Recycling Services Directory

MARKETS AND SPECIAL SERVICES DIRECTORY FOR REUSABLE AND RECYCLABLE MATERIALS

(Sixth Edition - August 1994)



Vermont Agency of Natural Resources
Department of Environmental Conservation
Pollution Prevention Education and Coordination Division
103 South Main Street
Waterbury, VT 05671-0407

Reduce Reuse Recycle

TABLE OF CONTENTS

A.	INTRODUCTION	2
B.	MATERIALS LISTED IN THIS DIRECTORY	3
C.	CATEGORICAL MATERIALS INDEX	4
D.	SOME KEY CONSIDERATIONS WHEN CONTACTING MARKETS	7
E.	FINAL NOTES	8
F.	PROFILES OF PROCESSORS, BROKERS AND END-USERS	9
G:	REUSE OPPORTUNITIES	37
	Material Exchanges	37
	Salvage Yards	37
	Computer Reuse and Recycling Opportunities	38
	Laser Toner Printer Cartridges	38
	Printer Ribbon Recycling	38
	Antifreeze Recycling Services	38
	Diaper Services	38
	Packaging Peanuts	38
H:	RECYCLING SERVICES	39
	Commercial Haulers that Transport Recyclables	39
	Scrap Metal Dealers	40
	Household Batteries	40
I:	DIRECTORIES	41
	All Recyclable Materials	41
	Plastics	41
	Paper	41
	Office Supplies	41
	Consumer Directories	41
J:	INFORMATION ON RECYCLING AND REUSE: State and National Organizations	42
K:	VERMONT RECYCLING COORDINATORS LIST	43

A. INTRODUCTION

This directory has been prepared to assist community groups, businesses, municipalities and solid waste districts in identifying markets and services for reusable and recyclable materials. It lists Vermont companies and companies outside of Vermont, that purchase or accept various types of recyclable materials. While the directory provides some basic information on freight arrangements, and market specifications, it would be best for you to contact each potential market before you attempt to collect or sell any recyclable material. We encourage you to contact a number of companies to compare market arrangements and prices so that you can get the best deal for your facility. You may also want to check on the end-use for the material since that information is not included in this Directory.

The markets guide can help you "Close the Loop" by listing directories with information on recycled content products. In Winter 1994, the Association of Vermont Recyclers (AVR) published the guide, *Closing the Loop: A Guide to Recycled Products and Services*. This Guide lists companies that sell recycled products such as paper and laser toner cartridges. The Guide is available from AVR at P.O. Box 1244, Montpelier, VT 05601; (802) 229-1833 (\$5.00).

The directory contains a categorical materials index which lists the state that the business is located in. The categorical materials index will assist you in identifying brokers, processors or end users of a particular material. The profiles of end users, processors, and brokers are listed alphabetically. Refer to the Special Services Section for information on reuse opportunities, other recycling services, and recycling directories and organizations.

Acknowledgements

This directory was originally compiled by Lisa Young, and recently updated by Carolyn Grodinsky of the Recycling and Resource Conservation Section, Agency of Natural Resources. The updated Directory now includes regional recycling opportunities for computers, construction and demolition debris and regional and national recycling organizations, and listings for material-specific directories. Additional sources of market information include, the *American Marketing Directory*, *Canadian Market Directory*, *Hilltown Marketing Cooperative Study* (Massachusetts), the New Hampshire Resource Recovery Association, the *Council for Textile Recycling Directory* (Bethesda, Maryland), *Waste Dynamics of the Northeast 1993 Source Guide*, and the Association of Vermont Recyclers. Information from market directories prepared by the New Jersey and Pennsylvania Departments of Environmental Conservation was used in the introduction section of this directory.

For more information on recycling, call the toll-free Vermont Recycling Hotline: 1-800-932-7100.

B. MATERIALS LISTED IN THIS DIRECTORY

This directory identifies markets for the following recyclable materials:

Aluminum

Aluminum

Batteries

Batteries

Lead-acid Batteries

C&D

Asphalt

Asphalt Shingles

Brick

Clean Wood Waste

Concrete

Gypsum

Sheet Rock

Stumps

Stumps, other tree parts

Gable Top

Gable Top/Drink Boxes

Milk Cartons

Glass

Glass

Oil

Oil

Other

Other

Pallets

Pallets

Paper

Blueprints

Boxboard

Brown Grocery Bags

Cardboard

Colored Ledger

Computer Print-out

Cores

Corrugated Cardboard

Hardcover Books

Magazines

Mixed Paper

Newspaper

Other Paper

Paper (cont.)

Telephone Books

Waxed Cardboard

White Ledger

Wirebound Boxes

Plastic

Greenhouse Film

Grocery Sacks

HDPE Plastic Containers

LDPE Plastic

Molded Flower Pots

Mulch Film

Other Plastic

Overwintering Film

PETE Plastic Containers

PP Plastic

PS Plastic

PVC Plastic

Plastic Film

Plastics

Shrink Wrap

Silage Bags

Stretch Film

Rendering

Grease

Meat and Bone Scraps

Reusable Items

Reusable Items

Scrap Metal

Scrap Metal

White Goods

Steel Cans

Steel Cans

Textiles

Clean Clothes

Clean Rags

Textiles

Tires

Tires

C: CATEGORICAL MATERIALS INDEX

Aluminum

Acme Metals and Recycling Inc. (MA)
Advanced Recycling (NH)
Alcoa Recycling Co. Inc. (NJ)
Casella Waste Management (VT)
Chittenden Recycling Services (VT)
Conigliaro Industries Inc. (MA)
Federated Genco Limited (QUE)
Hardwick Recycling and Salvage (VT)
Harry Goodman Inc. (MA)
Hodgdon Brothers (VT)
Janci Metal Recycling (NH)
Jewell Resources, Inc. (NH)
Manchester Recycling Corp. (NH)
New England Crinc (MA)
North American Recycling Corp. (NY)
Northeast Waste Services, LTD (VT)
P. Allen and Son, Inc. (MA)
Pinetree Waste Corp. (NH)
RRT Resource Rec. Technologies (NY)
Recycled Auto Parts of Brattl. (VT)
Recycling Services (NH)
Reynolds Aluminum Recycling (CT)
Rutland Storage Trailers Inc. (VT)
Superior Recycling (NH)
TeleCycle (FL)

Batteries

Consolidated Recycling (QUE)
Hodgdon Brothers (VT)
Hodgdon Brothers Recycling (VT)
Janci Metal Recycling (NH)
Manchester Recycling Corp. (NH)
Pinetree Waste Corp. (NH)
Recycled Auto Parts of Brattl. (VT)
Recycling Services (NH)

Construction Waste & Demolition Debris

A. Marcellino and Company Inc. (VT)
American Reclamation Corp. (MA)
BROX Industries (NH)
Bell & Flynn Inc. (NH)
DeCato Sand and Gravel (NH)
Domtar Gypsum (NH)
Environmental Resource Return (NH)
Gyp-Pack Container Inc. (NY)
Hardwick Recycling and Salvage (VT)
King Road Materials (NY)
M-R Land Excavation, Inc. (NH)
Pike Industries (NH)
Reclaim of NJ Inc. (NJ)

Construction Waste & Demolition Debris (cont.) Wood Recycling Inc. (MA)

Gable Top

Casella Waste Management (VT)
Encore Paper (NY)

Glass

American Reclamation Corp. (MA)
Anchor Glass Container (CT)
Casella Waste Management (VT)
Chittenden Recycling Services (VT)
Conigliaro Industries Inc. (MA)
Consumers Glass (ONT)
Fenwick Paper Brokerage (VT)
Foster-Forbes Glass Co. (MA)
Hardwick Recycling and Salvage (VT)
King Road Materials (NY)
New England Crinc (MA)
North American Recycling Corp. (NY)
Northeast Waste Services, LTD (VT)
Orford Recycling, Inc. (QUE)
Owens Brockway (NY)
Owens-Brockway Glass Inc. (OH)
Pennsylvania Cullet (PA)
RRT Resource Rec. Technologies (NY)
Recycling Enterprises (MA)
Recycling Services (NH)
Rutland Storage Trailers Inc. (VT)

Other

Recycling Services (NH)
Reynolds Aluminum Recycling (CT)

Pallets

Dom's Empty Package Supply (NY)
Pallets Recycle of Vermont (VT)
Upper Valley Pallet Co. (VT)

Paper

A. Shapiro and Sons (MA)
APC Paper Company (NH)
Acme Metals and Recycling Inc. (MA)
American Paper Recycling Co. (VT)
Bonded Insulation Co., Inc. (NY)
Canusa Corporation (VT)
Cascades Inc. (QUE)
Casella Waste Management (VT)
Chittenden Recycling Services (VT)
Cold River Recycling (VT)
Columbia Corp. (NY)

Paper (cont.)

Commercial Paper Recycling (MA)
Conigliaro Industries Inc. (MA)
Dom's Empty Package Supply (NY)
Domtar Packaging, Recyc. Div. (ONT)
Encore Paper (NY)
Fenwick Paper Brokerage (VT)
Fort Orange Paper Co. (NY)
G.E. Robertson & Co. (NH)
Hanna Paper Recycling Co. (MA)
Hardwick Recycling and Salvage (VT)
Harry Goodman Inc. (MA)
J. Schwartz Motor Transport. (NH)
Kruger Inc. (QUE)
Manchester Recycling Corp. (NH)
Marolf Enterprises Inc. (VT)
National Fiber Inc. (MA)
New England Crinc (MA)
North American Recycling Corp. (NY)
North Shore Recycled Fiber (MA)
Northeast Waste Services, LTD (VT)
Orford Recycling, Inc. (QUE)
P. Allen and Son, Inc. (MA)
Packaging Corp. of America (NY)
Paper Services Ltd. (NH)
Paperboard Industries Corp. (ONT)
Papier Kinsey Fall/Cascade Div (QUE)
Penacook Fiber Company (NH)
Pinetree Waste Corp. (NH)
Putney Paper Co., Inc. (VT)
QUNO Corporation (ONT)
RRT Resource Rec. Technologies (NY)
Recycling Services (NH)
Rock-Tenn Company (VT)
Rutland Storage Trailers Inc. (VT)
Solavite Inc. (ME)
Sonoco Limited (QUE)
Sonoco Paper Recovery (MA)
Specialty Paperboard, Inc. (VT)
Strathcona Paper Co. (ONT)
Sunoco Products Co. (MA)
Superior Recycling (NH)
TeleCycle (FL)
Thermo-cell Insulation Ltd. (ONT)
Wellington Hill Recycling Co. (VT)
Wood Recycling Inc. (MA)

Plastic

Atlantic Poly Inc. (MA)
CVM Plastics, Inc. (NJ)
Casella Waste Management (VT)
Chittenden Recycling Services (VT)
Conigliaro Industries Inc. (MA)

Plastic (cont.)

Eaglebrook Plastics Inc. (IL)
Enviro Tech (MA)
Free Flow Packaging Corp. (DE)
Gianco Ltd. (NY)
Hafner Industries, Inc. (CT)
Hardwick Recycling and Salvage (VT)
Ingenuity Corporation (CT)
Jalisson Transplastek Inc. (QUE)
KJ Plastics (PA)
Mobil Chemical Company (NY)
Monmouth Plastics Recycling (NJ)
New England Crinc (MA)
New England Processing (ME)
New Plastics Trading Company (PA)
Niagra Resin and Recycling (NY)
Nicon Plastics, Inc. (NY)
North American Recycling Corp. (NY)
North Shore Recycled Fiber (MA)
Northeast Waste Services, LTD (VT)
Obex Inc. (CT)
Orford Recycling, Inc. (QUE)
P. Allen and Son, Inc. (MA)
Polychem Products Ltd. (QC)
Pure Tech International, Inc. (NY)
RRT Resource Rec. Technologies (NY)
Recoverable Resources/ R2B2 (NY)
Recycling Services (NH)
Rutland Storage Trailers Inc. (VT)
Shuman Plastics (NY)
St. Jude Polymers Corp. (PA)
TeleCycle (FL)
U.S. Polymers, Inc (MA)
United Resource Recvry-Hancor (VT)
Vermont Republic Industries (VT)
WTE Recycling (NY)
Webster Industries (MA)
Wellington Hill Recycling Co. (VT)
Wellman, Inc. (NJ)

Rendering

Baker Commodities (VT)

Scrap Metal

A. Shapiro and Sons (MA)
Acme Metals and Recycling Inc. (MA)
Advanced Recycling (NH)
Conigliaro Industries Inc. (MA)
Consolidated Recycling (QUE)
Fenwick Paper Brokerage (VT)
Freedman & Son Inc. (NY)
Hardwick Recycling and Salvage (VT)
Hodgdon Brothers (VT)

Scrap Metal (cont.)

Jewell Resources, Inc. (NH)
Manchester Recycling Corp. (NH)
Pinetree Waste Corp. (NH)
R&R Industries, Inc. (MA)
Recycled Auto Parts of Brattl. (VT)
Recycling Services (NH)
Rutland Storage Trailers Inc. (VT)
Schiavone Brothers Inc. (MA)
TeleCycle (FL)

Steel Cans

A.M.G. Resources Corp. (PA)
Advanced Recycling (NH)
Casella Waste Management (VT)
Chittenden Recycling Services (VT)
Conigliaro Industries Inc. (MA)
Fenwick Paper Brokerage (VT)
Freedman & Son Inc. (NY)
Hodgdon Brothers Recycling (VT)
Janci Metal Recycling (NH)
Jewell Resources, Inc. (NH)
New England Crinc (MA)
Northeast Waste Services, LTD (VT)
Orford Recycling, Inc. (QUE)
P. Allen and Son, Inc. (MA)
RRT Resource Rec. Technologies (NY)
Recycled Auto Parts of Brattl. (VT)
Recycling Services (NH)
Rutland Storage Trailers Inc. (VT)
TeleCycle (FL)

Textiles

A. Shapiro and Sons (MA)
Albert E. Silberman & Co., Inc (OH)
American Waste Transport & Rec (NJ)
Casella Waste Management (VT)
Consolidated Recycling Inc. (VT)
Copnick Corp. (QUE)
Dumont Export Corporation (PA)
E. Butterworth & Co., Inc. (MA)
Fiber Conversion, Inc. (NY)
Josh Trading Co./Sara Glove Co (CN)
Pinetree Waste Corp. (NH)
Sahara International Co. (VA)
Sunrise Trading Corp. (NJ)
Trans-Americas Trading Co. (NY)

Tires

American Reclamation Corp. (MA)
Hodgdon Brothers (VT)
Jewell Resources, Inc. (NH)
North American Recycling Corp. (NY)
Oxford Tire Supply, Inc. (CT)
Palmer Shredding, Inc. (VT)
R&R Industries, Inc. (MA)

D. SOME KEY CONSIDERATIONS WHEN CONTACTING MARKETS

When contacting a company about the marketing of your materials, the following information is vital:

1) Market Specifications

Quality is the most important factor determining the prices you will receive for your materials. In general, the higher the quality - the higher the price you will receive. Each market has purchasing requirements or specifications unique to a particular material. These specifications explain to what extent contaminants are allowed to be mixed with recyclables.

It is important to investigate the specifications of all potential markets before you start collecting materials to determine whether or not you can meet the requirements. As a general rule, it is best to collect your materials with as few contaminants as possible to allow for the widest choice of markets.

Operating procedures at your recycling collection center should incorporate quality control provisions which assure that market specification requirements can be met, (e.g. supervision during operating hours and locked containers during non-operating hours). While higher quality materials receive higher prices, they also require greater quality control provisions and potentially greater collection costs. Quality control provisions minimize the possibility of contaminated loads, i.e. loads that are rejected by your market because they fail to meet minimum specifications. If materials cannot be marketed, they may have to be disposed of as solid waste.

Market specifications can also include requirements on how materials need to be prepared (baled, crushed, loose, etc.) This will determine what processing equipment you may need. These requirements can be very specific, such as different bale sizes and weight limitations for different materials, granulated or shredding sizes for plastics, etc.

2) Contracts

A contract can help to minimize your risks by guaranteeing markets despite fluctuations in market demand. Conversely, a contract will also lock your program into a set price for the contract's duration. Some companies may not offer long-term contracts (one year or more), particularly secondary markets such as brokers or processors. After prospective markets are identified, the next step, if available, is to secure firm commitments from each market in the form of either a letter of intent, a letter of agreement, a contract or a purchase order. Be sure to shop around for the most favorable contractual arrangements.

The following provisions should be considered for inclusion in a market contract:

- (a) Description of material type(s) and grade(s);
- (b) Delivery arrangements, including size (minimum or maximum tonnages) and frequency of shipments;
- (c) Materials specifications guidelines, including acceptable contamination levels and form required;
- (d) Duration of the contract;
- (e) Non-performance penalties (if program fails to deliver tonnage or quality promised in the contract - this is to the buyers advantage);
- (f) Price-setting mechanism;
- (g) Services to be provided by the market (transportation, storage);
- (h) Any special terms and conditions.

3) Marketing Services

Certain companies may be willing to provide a variety of services for your program. Some will lease or provide free-of-charge storage containers, while a few others may lease processing equipment, such as balers or compactors. However, the provision of these marketing services is contingent upon the ability of a program to collect large amounts of good quality recyclables on a regular basis.

This directory classifies each company under the categories of broker, processor, or hauler. **Brokers** may be involved in transporting, storing and handling of materials - and are most likely to provide a variety of services, including container leasing and transportation services. **Processors**, which are often times brokers as well, prepare materials for delivery to markets, including sorting, baling, crushing and shredding. **End-users** are companies that use recycled materials to produce a new product, yet may also provide a variety of market services.

Shipping directly to end-use markets may require meeting greater processing requirements and reaching greater tonnage levels, yet end-users often provide a higher price for materials. You may want to consider working through local brokers and processors until you can learn the "ins and outs" of specific markets.

4) Freight

Transportation represents one of the most significant costs in operating a collection facility. A variety of freight arrangements exist and merit consideration in deciding how to get materials to market. This directory usually identifies whether a company accepts materials Free-on -Board (FOB) their dock or the shipper's dock. FOB refers to the point at which transfer of ownership of materials occurs, and consequently, whether you or the buyer will pay the freight costs. For example, "FOB your dock" means the buyer will accept responsibility for the materials at your facility, and the price quoted for materials includes freight costs. Conversely, "FOB their dock" infers that you are responsible for transporting the materials to the market. Some markets are willing to negotiate freight arrangements. For example, some markets may be able to arrange transportation and deduct these costs from the quoted price of the materials.

If a market is able to provide transportation services, they will usually require a minimum load - either prescribed in tonnage or full truck or trailer load.

5) Prices

Prices are not listed in the entries within this directory. Many companies are uncomfortable offering prices over the phone and prefer to do so only in a letter. Prices change often and vary within the markets. Be sure to shop around for the best price.

E. FINAL NOTES

The Department of Environmental Conservation plans to regularly update this directory to reflect changing market situations. We encourage you to keep us updated on your successes as well as problems that you encounter with specific markets, as we are trying to improve market conditions in Vermont.

Please contact the Recycling Section if you have any questions or updated information regarding your marketing operation.

Call us toll-free in Vermont at: 1-800-932-7100 or at (802) 241-3444.

Good Luck!

F. PROFILES OF PROCESSORS, BROKERS AND END-USERS

A. Marcellino and Company Inc.

Contact: Alan Marcellino

Address: PO Box 195

Williston

VT 05495

Phone: 802-862-6383

Category: Processor, End-user

Freight:

Form:

Quantity:

Assistance:

Materials Accepted:

Asphalt

Brick

Concrete

A. Shapiro and Sons

Contact: Mr. Shapiro

Address: P.O. Box 711

N. Adams

MA 01247

Phone: 413-663-6525

Category: Broker, Processor

Freight: Pick-up available.

Form: prefer baled or boxed

Quantity: truck load

Assistance:

Materials Accepted:

Boxboard

Computer Print-out

Corrugated Cardboard

Newspaper

White Ledger

Scrap Metal

White Goods

Clean Rags

Textiles

A.M.G. Resources Corp.

Contact: Rodger Friend

Address: 4100 Grand Ave.

Pittsburg

PA 15225

Phone: 412-777-7352

Category: Processor, End-user

Freight: FOB Pittsburgh or Baltimore or shipping point

Form: loose/flattened/baled

Quantity: no minimum

Assistance:

Materials Accepted:

Steel Cans

APC Paper Company

Contact: Paul Mallet

Address: P.O. Box 827

Claremont

NH 03743

Phone: 603-542-0411

Category: Processor

Freight:

Form:

Quantity:

Assistance:

Materials Accepted:

Brown Grocery Bags

Corrugated Cardboard

Acme Metals and Recycling Inc.

Contact: George Sachs

Address: P.O. Box 3218

Springfield

MA 01101

Phone: 413-737-3112

Category: Broker, Processor

Freight: They can arrange trucking. FOB their dock.

Form: Whole

Quantity:

Assistance: Rent trailers & containers

Materials Accepted:

Aluminum

Computer Print-out

Corrugated Cardboard

Mixed Paper

Other Paper

White Ledger

Scrap Metal

Advanced Recycling

Contact: Spencer Bennett
Address: 25 Sandquist Street
Concord NH 03301
Phone: 800-227-3911

Category: Processor

Freight:
Form:
Quantity:
Assistance:

Materials Accepted:

Aluminum
Scrap Metal
White Goods
Steel Cans

Albert E. Silberman & Co., Inc

Contact: Lyn Silberman
Address: 4435 Emery Indst.Pwk
Cleveland OH 44128
Phone: 216-464-7550

Category: Broker

Freight:
Form:
Quantity:
Assistance:

Materials Accepted:

Textiles

Alcoa Recycling Co. Inc.

Contact: Beth Lanning
Address: 100 Clover Place
Edison NJ 08837
Phone: 908-225-9550

Category: End-user

Freight: FOB their dock. Can arrange for trucking.
Form: Loose/flat/baled/densifie
Quantity: Truckload amt. for pickup
Assistance: Can lease equipment

Materials Accepted:

Aluminum

American Paper Recycling Co.

Contact: Kevin Gardiner
Address: P.O. Box 9481
S. Burlington VT 05403
Phone: 802-863-9109

Category: Broker, Processor

Freight: Free pick-up
Form: loose or baled
Quantity: Burlington area 1 ton min
Assistance: Trailers avail for trailer load amt

Materials Accepted:

Colored Ledger
Computer Print-out
Magazines
Other Paper
White Ledger

American Reclamation Corp.

Contact: Bill McCambridge
Address: PO Box 653
Charleton MA 01508
Phone: 508-248-3777

Category: Processor, End-user

Freight:
Form:
Quantity:
Assistance: Will recycle on-site

Materials Accepted:

Asphalt
Brick
Concrete
Glass
Tires

American Waste Transport & Rec

Contact: Bruce Levin
Address: 12-B Ellipse Ste 216
Mt. Laurel NJ 08054
Phone: 609-985-7300

Category: Broker

Freight:
Form:
Quantity:
Assistance:

Materials Accepted:

Textiles

Anchor Glass Container

Contact: Harry Bautista
Address: Route 101, PO 757
Dayville CT 06241
Phone: 203-774-9636

Category: End-user

Freight: FOB their plant
Form: crushed/roll-offs/trailer
Quantity: full truck load pref.
Assistance:

Materials Accepted:

Glass

Atlantic Poly Inc.

Contact: Jon DeFreitas
Address: 670 Canton Street
Norwood MA 02062
Phone: 800-225-9892

Category:

Freight:
Form: Baled (850 lb. bales min)
Quantity: Min. of 40,000 pounds
Assistance:

Materials Accepted:

Greenhouse Film
Overwintering Film

BROX Industries

Contact: Eric Stevenson
Address: 85 Greeley Street
Hudson NH 03051
Phone: 508-454-9105

Category: Processor, End-user

Freight:
Form:
Quantity:
Assistance:

Materials Accepted:

Asphalt
Concrete

BROX Industries

Contact: Eric Stevenson
Address: 1471 Methuen St.
Dracut MA 01826
Phone: 508-454-9105

Category: Processor, End-user

Freight:
Form:
Quantity:
Assistance:

Materials Accepted:

Asphalt
Stumps, other tree parts

BROX Industries

Contact: Eric Stevenson
Address: Milford NH
Phone: 508-454-9105

Category: Processor, End-user

Freight:
Form:
Quantity:
Assistance: Other NH site located in Hookset, NH

Materials Accepted:

Asphalt

BROX Industries

Contact: Eric Stevenson
Address: Marlborough MA
Phone: 508-454-9105

Category: Processor, End-user

Freight:
Form:
Quantity:
Assistance: Other MA sites in Ipswich & Merrimac

Materials Accepted:

Asphalt

BROX Industries

Contact: Eric Stevenson

Address:

Tynsborough MA

Phone: 508-454-9105

Category: Processor, End user

Freight:

Form:

Quantity:

Assistance:

Materials Accepted:

Stumps, other tree parts

Baker Commodities

Contact: David King

Address: Avenue-B, Griswald Pk

Williston VT 05495

Phone: 802-658-0721

Category: End-user

Freight:

Form: drums or tanks

Quantity:

Assistance:

Materials Accepted:

Grease

Meat and Bone Scraps

Bell & Flynn Inc.

Contact: John Bell

Address: 69 Bunker Hill Ave

Stratham NH 03885

Phone: 603-778-8511

Category: Processor, End-user

Freight:

Form:

Quantity:

Assistance:

Materials Accepted:

Asphalt

Bonded Insulation Co., Inc.

Contact: Ed Power

Address: 78 N. Pawling Street

Hagaman NY 12086

Phone: 518-842-1470

Category: End-user

Freight:

Form: baled

Quantity: depends on contract

Assistance:

Materials Accepted:

Newspaper

CVM Plastics, Inc.

Contact: Robert W. Voigt

Address: 321 Fairmount Road

Long Valley NJ 07853

Phone: 908-876-4151

Category: Broker, Processor

Freight: FOB Generator

Form:

Quantity: 30,000 lbs

Assistance:

Materials Accepted:

HDPE Plastic Containers

LDPE Plastic

Other Plastic

PETE Plastic Containers

PP Plastic

PS Plastic

PVC Plastic

Canusa Corporation

Contact: Dave Knight
Address: P.O. Box 1237
St. Albans VT 05478
Phone: 802-527-1707

Category: Broker, Processor

Freight: No Pick-up
Form: Baled/loose/gaylords/box
Quantity: no minimum
Assistance: baler placement

Materials Accepted:

Boxboard
Colored Ledger
Corrugated Cardboard
Magazines
Newspaper
Other Paper
White Ledger

Cascades Inc.

Contact: Louis Hamel
Address: 405 Marie Victorin
Kinsey Falls QUE JOA 1B0 Canada
Phone: 819-363-5206

Category: End-user

Freight: FOB their dock. Can arrange trucking.
Form: Baled preferred.
Quantity: 20 ton
Assistance:

Materials Accepted:

Colored Ledger
Computer Print-out
Cores
Corrugated Cardboard
Newspaper
Telephone Books
White Ledger

Casella Waste Management

Contact: Bob Perry
Address: 175 Lakeside Ave
Burlington VT 05401
Phone: 802-862-1900

Category: Broker, Processor

Freight: They can pick-up or accept deliveries.
Form: any form
Quantity: no minimum
Assistance: containers leased, education/train

Materials Accepted:

Aluminum
Gable Top/Drink Boxes
Glass
Boxboard
Computer Print-out
Corrugated Cardboard
Magazines
Mixed Paper
Newspaper
White Ledger
HDPE Plastic Containers
PETE Plastic Containers
PS Plastic
Steel Cans
Textiles

Casella Waste Management

Contact: Michael Barrett
Address: P.O. Box 866
Rutland

VT 05701

Phone: 802-775-9908

Category: Broker, Processor

Freight: they can pick up or accept deliveries
Form: any form
Quantity: no minimum
Assistance: containers leased, education

Materials Accepted:

Aluminum
Gable Top/Drink Boxes
Glass
Computer Print-out
Corrugated Cardboard
Mixed Paper
Newspaper
White Ledger
HDPE Plastic Containers
PETE Plastic Containers
PS Plastic
Scrap Metal
Steel Cans
Textiles

Casella Waste Management

Contact: Michael Wark
Address: P.O. Box 548
Montpelier

VT 05601

Phone: 802-223-7045

Category: Broker, Processor

Freight: they can pick up or deliver
Form: negotiable
Quantity: no minimum
Assistance: containers leased

Materials Accepted:

Aluminum
Gable Top/Drink Boxes
Glass
Computer Print-out
Corrugated Cardboard
Mixed Paper
Newspaper
White Ledger
HDPE Plastic Containers
PETE Plastic Containers
PS Plastic
Scrap Metal
Steel Cans
Textiles

Chittenden Recycling Services

Contact: John Hulme
Address: 65 Ave. C
Williston

VT 05495

Phone: 802-658-5176

Category: Processor

Freight:
Form:
Quantity:
Assistance:

Materials Accepted:

Aluminum
Glass
Magazines
Newspaper
HDPE Plastic Containers
PETE Plastic Containers
Steel Cans

Cold River Recycling

Contact: Robert Ruane
Address: Box 100 Middle Rd.
N. Clarendon

VT 05759

Phone: 802-775-4424

Category: Processor, End-user

Freight: Pick up in Fair Haven and N. Clarendon only
Form: boxed preferred
Quantity: no min
Assistance: boxes available

Materials Accepted:

Newspaper

Columbia Corp.

Contact: Ken Wilber
Address: Rte. 295
Chatham NY 12037
Phone: 518-392-4000

Category: End-user

Freight: You arrange own trucking.
Form: baled preferred
Quantity: no minimum
Assistance:

Materials Accepted:

Corrugated Cardboard
Mixed Paper
Newspaper
White Ledger

Commercial Paper Recycling

Contact: Terry Bray
Address: P.O. Box 1387
Westfield MA 01086
Phone: 413-568-4500

Category: Broker, Processor

Freight: Can arrange trucking.
Form: Baled preferred
Quantity: 15-20/ton
Assistance: Lease and sell balers/compactors

Materials Accepted:

Cardboard
Computer Print-out
Mixed Paper
Newspaper
Other Paper
White Ledger

Conigliaro Industries Inc.

Contact: Greg Conigliaro
Address: 710 Waverly St.
Framingham MA 01701
Phone: 508-872-9668

Category: Processor

Freight: Can pick-up
Form: Loose/baled/granulated
Quantity: no minimum
Assistance:

Materials Accepted:

Aluminum
Glass
Corrugated Cardboard
Newspaper
White Ledger
HDPE Plastic Containers
LDPE Plastic
Other Plastic
PETE Plastic Containers
PP Plastic
PS Plastic
PVC Plastic
Plastic Film
White Goods
Steel Cans

Consolidated Recycling

Contact: Jeff Solomon
Address: P.O. Box 59
St. Catherine QUE J0L 1E0 Canada
Phone: 514-638-1732

Category: Processor

Freight:
Form:
Quantity: Minimum for pick-up
Assistance: On-site baler.

Materials Accepted:

Lead-acid Batteries
Scrap Metal
White Goods

Consolidated Recycling Inc.

Contact: Anthony Grutadario
Address: 32 Ave. C, POB 9047
Williston VT 05407
Phone: 802-863-3328

Category: Broker

Freight:
Form:
Assistance:

Materials Accepted:

Textiles

Consumers Glass

Contact: Jim Dimitry
Address: 777 Kipling Ave.
Toronto

ONT M8Z 5G6 Canada

Phone: 416-232-3170

Category: End-user

Freight:
Form: Uncrushed preferred
Quantity: Truck load
Assistance: (one plant in Montreal area)

Materials Accepted:

Glass

Copnick Corp.

Contact: Michael Etcovitch
Address: 3800 St. Patrick
Montreal

QUE H4E 1A4 Canada

Phone: 514-937-9306

Category: Processor

Freight:
Form:
Quantity:
Assistance:

Materials Accepted:

Textiles

DeCato Sand and Gravel

Contact: Rodger DeCato
Address: Chichester Road
Loudon

NH 03301

Phone: 603-798-5452

Category: Processor, End-user

Freight:
Form:
Quantity:
Assistance:

Materials Accepted:

Asphalt
Brick
Concrete

Dom's Empty Package Supply

Contact: Jim or Kay Badami
Address: 87 S. Ohioville Road
New Paltz

NY 12561

Phone: 914-883-6757

Category: Broker

Freight:
Form:
Quantity: Will pick up trailer load
Assistance: REUSES waxed cardboard, box, baskets

Materials Accepted:

Pallets
Waxed Cardboard
Wirebound Boxes

Dontar Gypsum

Contact: Jim Jenkins
Address: 122 Old Dover Rd.
Newington

NH 03801

Phone: 603-433-8000

Category: Processor, End user

Freight: No transportation provided
Form: CLEAN gypsum drywall only
Quantity:
Assistance:

Materials Accepted:

Gypsum

Dontar Packaging, Recyc. Div.

Contact: Norman Evanoff
Address: 66 Shorncliffe Rd.
Toronto

ONT M8Z 5K1 Canada

Phone: 416-232-8800

Category: End-user, Processor

Freight: FOB your dock. Can arrange trucking.
Form: Baled
Quantity: Trailer load
Assistance:

Materials Accepted:

Boxboard
Computer Print-out
Corrugated Cardboard
Mixed Paper
White Ledger

Dumont Export Corporation

Contact: Jerry Usatch
Address: 5601 Paschall Ave.
Philadelphia PA 19143
Phone: 215-727-8000

Category: Processor

Freight:
Form: Clean and dry clothing
Quantity:
Assistance:

Materials Accepted:

Clean Clothes

E. Butterworth & Co., Inc.

Contact: Robert Travis
Address: 1951 Lakeview Ave.
Dracut MA 01826
Phone: 508-957-3500

Category: Processor

Freight:
Form:
Quantity:
Assistance:

Materials Accepted:

Clean Rags
Textiles

Eaglebrook Plastics Inc.

Contact: Brad Parent
Address: 2600 W. Roosevelt Rd
Chicago IL 60608
Phone: 312-638-0006

Category: Processor, End-user

Freight: FOB their plant.
Form: baled or ground
Quantity: Truckload quantities
Assistance:

Materials Accepted:

HDPE Plastic Containers
LDPE Plastic
PETE Plastic Containers
PP Plastic
PVC Plastic

Encore Paper

Contact: Jeff Davis
Address: 1 River St.
S. Glens Falls NY 12803
Phone: 518-793-5684

Category: End-user, Processor

Freight: depends
Form: baled
Quantity: truck load
Assistance:

Materials Accepted:

Drink Boxes
Milk Cartons
Colored Ledger
Computer Print-out
Corrugated Cardboard
Magazines
Newspaper
White Ledger

Enviro Tech

Contact: Jon DeFreitas
Address: 670 Canton Street
Norwood MA 02062
Phone: 617-769-4260

Category: Processor, Broker, End-user

Freight: Can pick up
Form: Loose or baled
Quantity:
Assistance:

Materials Accepted:

Plastic Film

Environmental Resource Return

Contact: Marsha Barron
Address: 100 Market Street
Portsmouth NH 03801
Phone: 603-436-2508

Category: Processor, End-user
Freight:
Form: CURRENTLY NOT ACCEPTING
Quantity:
Assistance: Facility due to open spring/95

Materials Accepted:

Asphalt
Brick
Clean Wood Waste
Concrete

Federated Genco Limited

Contact: Randy Douglas
Address: 1400 Norman Street
Lachine QUE Canada
Phone: 514-637-3591

Category: End-user
Freight: FOB Montreal
Form:
Quantity: 30,000 lbs
Assistance:

Materials Accepted:

Aluminum

Fenwick Paper Brokerage

Contact: Robert Perrault
Address: PO Box 34, Route 105
Newport Center VT 05857
Phone: 802-334-2492

Category: Broker
Freight: FOB loading dock
Form: baled or rolls
Quantity: 40,000 lbs for paper
Assistance: baler and forklift leasing

Materials Accepted:

Glass
Boxboard
Colored Ledger
Computer Print-out
Corrugated Cardboard
Magazines
Mixed Paper
Newspaper
White Ledger
Scrap Metal
White Goods
Steel Cans

Fiber Conversion, Inc.

Contact: Nick Terlaak Poot
Address: 15 E. Elm St.
Broadalbin NY 12025
Phone: 518 883-3431

Category: Processor
Freight: Pick up avail.
Form: baled
Quantity: unlimited
Assistance:

Materials Accepted:

Textiles

Fort Orange Paper Co.

Contact: Dan Luizzi
Address: 1900 River Rd.
Castleton-on-Hud. NY 12033
Phone: 518-732-7722

Category: End-user
Freight: FOB their dock.
Form: loose or bales preferred
Quantity: 1/2 ton
Assistance:

Materials Accepted:

Newspaper

Foster-Forbes Glass Co.

Contact: Jeff Remson
Address: National Street
Milford MA 01757
Phone: 617-478-2500

Category: End-user

Freight: You arrange trucking. FOB their dock.
Form: crushed or whole
Quantity: truck load preferred
Assistance:

Materials Accepted:

Glass

Free Flow Packaging Corp.

Contact: Mary Claire Aviola
Address: 111 Allan Drive
Newark DE 19711
Phone: 800-888-7310

Category: End-user

Freight:
Form: Baled
Quantity: Truckload quantities
Assistance: Accept expanded polystyrene

Materials Accepted:

PS Plastic

Freedman & Son Inc.

Contact: Richard Kent
Address: Tibbetts Ave.
Green Island NY 12183
Phone: 518-273-1141

Category: Processor

Freight:
Form:
Quantity: No Minimum
Assistance:

Materials Accepted:

Scrap Metal
White Goods
Steel Cans

G.E. Robertson & Co.

Contact: Richard Johnson
Address: 28 Canal St, POB 25
Hinsdale NH 03451
Phone: 603-336-5079

Category: End-user

Freight:
Form:
Quantity:
Assistance: Pick-up large loads

Materials Accepted:

Colored Ledger
Computer Print-out
Magazines
Mixed Paper
Newspaper
White Ledger

Gianco Ltd.

Contact: Jeff Berger
Address: 10 Andrews Road
Ricksville NY 11801
Phone: 516-822-6900

Category: Broker, Processor

Freight:
Form: Loose/baled/granulated
Quantity: no minimum
Assistance:

Materials Accepted:

HDPE Plastic Containers
LDPE Plastic
Other Plastic
PETE Plastic Containers
PP Plastic
PS Plastic
PVC Plastic
Plastic Film

Gyp-Pack Container Inc.

Contact: Louis Bergeron Sr.
Address: PO Box 1415-1-0099
Tonawanda NY 14150
Phone: 716-694-1900

Category: Processor
Freight:
Form: mobile gypsum recycling
Quantity:
Assistance: manufacture gypsum recycling units

Materials Accepted:

Gypsum

Hafner Industries, Inc.

Contact: Edwin Hafner
Address: Box 3925, Amity Stn.
New Haven CT 06525
Phone: 203-397-1562

Category: End-user/virgin quality reuseable mater
Freight: FOB their dock. You arrange trucking.
Form: baled, loose or ground
Quantity: open
Assistance:

Materials Accepted:

HDPE Plastic Containers
PETE Plastic Containers
PVC Plastic

Hanna Paper Recycling Co.

Contact: Joe Jelson
Address: 1150 Rte. 1
Sharon MA 02067
Phone: 617-784-5155

Category: End-user
Freight: Individual basis
Form: Loose or baled
Quantity: varies
Assistance: Transport and baling possible

Materials Accepted:

Colored Ledger
White Ledger

Hardwick Recycling and Salvage

Contact: Richard Towns
Address: P.O. Box 138
Morrisville VT 05661
Phone: 802-888-7788

Category: Processor
Freight: Will pick-up.
Form:
Quantity:
Assistance: Educ. training, roll-off leasing

Materials Accepted:

Aluminum
Clean Wood Waste
Glass
Blueprints
Boxboard
Colored Ledger
Computer Print-out
Corrugated Cardboard
Magazines
Newspaper
Telephone Books
White Ledger
HDPE Plastic Containers
PETE Plastic Containers
PS Plastic
Scrap Metal
White Goods

Harry Goodman Inc.

Contact: David Goodman
Address: 203 Tremont St.
Springfield MA 01104
Phone: 413-785-5331

Category: Processor
Freight: FOB their dock.
Form: baled
Assistance:

Materials Accepted:

Aluminum
Cardboard
Colored Ledger
Computer Print-out
White Ledger

Hodgdon Brothers

Contact: Darcy Hodgdon
Address: P.O. Box 136
Ascutney

VT 05030

Phone: 802-674-6202

Category: Processor

Freight:
Form:
Quantity:
Assistance: Landfill pick-ups/crusher/roll offs

Materials Accepted:

Aluminum
Lead-acid Batteries
Scrap Metal
White Goods
Tires

Hodgdon Brothers Recycling

Contact: Porter Hodgdon
Address: Ely St.
St. Johnsbury

VT 05819

Phone: 802 748-5422

Category: Broker, Processor

Freight: free pick-up of autos
Form: as is
Quantity: no min/max
Assistance:

Materials Accepted:

Lead-acid Batteries
Scrap Metal
White Goods
Steel Cans

Ingenuity Corporation

Contact: T. J. Goetting
Address: PO Box 7879
New Haven

CT 06519

Phone: 203-776-4444

Category: Processor

Freight:
Form:
Quantity:
Assistance:

Materials Accepted:

Greenhouse Film
Overwintering Film

J. Schwartz Motor Transport.

Contact: Mr. Brewer
Address: P.O. Box 4333
Manchester

NH 03108

Phone: 603-627-4191

Category: Broker, Processor

Freight: You arrange trucking. FOB their plant.
Form: Baled or loose
Quantity: Unlimited
Assistance: Trailer leasing

Materials Accepted:

Cardboard
Colored Ledger
Computer Print-out
Newspaper
White Ledger

Jalisson Transplastek Inc.

Contact: Kevin Greene
Address: 1475 Marie Victorin
St. Bruno

QUE J3V 6B7 Canada

Phone: 514-653-1535

Category: End-user

Freight: FOB your dock. Can arrange trucking.
Form: POST-INDUSTRIAL regrind
Quantity: 20 ton
Assistance: NO POST-CONSUMER

Materials Accepted:

HDPE Plastic Containers
PP Plastic
PS Plastic

Janci Metal Recycling

Contact: Fred Janci Jr.
Address: P.O. Box 117
West Lebanon NH 03784
Phone: 603-298-5953

Category: Processor

Freight:
Form:
Quantity:
Assistance:

Materials Accepted:

Aluminum
Batteries
Scrap Metal
White Goods
Steel Cans

Jewell Resources, Inc.

Contact: Max Jewell
Address: 2608 Meriden Rd.
Lebanon NH 03766
Phone: 800-458-4525

Category: Broker, Processor

Freight: Drop-off Ctrs in White River Jct & Lyndonville
Form: any form
Quantity:
Assistance: baler/crusher/rolloff/hauling

Materials Accepted:

Aluminum
Scrap Metal
White Goods
Steel Cans
Tires

Josh Trading Co./Sara Glove Co

Contact: William Pategas
Address: 117 Benedict St.
Waterbury CN 06722
Phone: 203-574-4090

Category: Processor, Broker

Freight:
Form:
Quantity:
Assistance:

Materials Accepted:

Textiles

KJ Plastics

Contact: Jim King
Address: 48 West Harvey St.
Philadelphia PA 19144
Phone: 215-699-2136

Category:

Freight: FOB their Dock
Form: Baled
Quantity: Truckload
Assistance:

Materials Accepted:

Greenhouse Film

King Road Materials

Contact: Jeff Frani
Address: 145 Cordell Road
Schenectady NY 12303
Phone: 518-382-5353

Category: Processor, End-user

Freight:
Form:
Quantity:
Assistance:

Materials Accepted:

Asphalt
Brick
Concrete
Glass

Kruger Inc.

Contact:
Address: 5845 Place Turcot
Montreal QUE H4C 1V9 Canada
Phone: 514-934-0845

Category: End-user

Freight: FOB either way. Can arrange trucking.
Form: baled (1000 lb.s or more)
Quantity: 18 ton
Assistance:

Materials Accepted:

Computer Print-out
Corrugated Cardboard
Other Paper

M-R Land Excavation, Inc.

Contact: Dan Roy
Address: P.O. Box 96
Merrimac NH 03054
Phone: 603-424-4485

Category: Processor

Freight:
Form:
Quantity:
Assistance: Will do on-site chipping

Materials Accepted:

Clean Wood Waste
Stumps

Manchester Recycling Corp.

Contact: Bob Francis/Karen S.
Address: P.O. Box 4387
Manchester NH 03108
Phone: 603-622-8422

Category: Processor

Freight: FOB their dock.
Form: loose or baled
Quantity:
Assistance:

Materials Accepted:

Aluminum
Lead-acid Batteries
Colored Ledger
Computer Print-out
Corrugated Cardboard
Newspaper
White Ledger
Scrap Metal

Marolf Enterprises Inc.

Contact: Alan Marolf
Address: 139 Main Street
Brattleboro VT 05301
Phone: 802-257-0151

Category: Broker

Freight:
Form:
Quantity:
Assistance:

Materials Accepted:

Boxboard
Computer Print-out
Corrugated Cardboard
Magazines
Other Paper
White Ledger

Mobil Chemical Company

Contact: Kevin Mills
Address: 200 East Main Street
Macedon NY 14502
Phone: 315-986-6630

Category: Processor, End-user

Freight:
Form: Baled
Quantity: Truckload
Assistance:

Materials Accepted:

Grocery Sacks
Plastic Film

Monmouth Plastics Recycling

Contact: Diane Mensinger
Address: 68 Monmouth Road
Oakhurst NJ 07755
Phone: 908-222-7002

Category: Broker

Freight:
Form:
Quantity:
Assistance:

Materials Accepted:

HDPE Plastic Containers
LDPE Plastic
PETE Plastic Containers
PP Plastic
PS Plastic

National Fiber Inc.

Contact: Mr. Skee Fusco
Address: 3 Depot St.
Belchertown MA 01007
Phone: 413-283-8747

Category: End-user

Freight:
Form:
Quantity:
Assistance: Hauling services.

Materials Accepted:

Newspaper

New England Crinc

Contact: Matthew Coz
Address: 12 Elizabeth Drive
Chelmsford MA 01824
Phone: 508-250-4814

Category: Broker, Processor

Freight: FOB your dock.
Form: Prefer baled
Quantity:
Assistance: Pick-up and hauling

Materials Accepted:

Aluminum
Glass
Boxboard
Corrugated Cardboard
Mixed Paper
Newspaper
HDPE Plastic Containers
PETE Plastic Containers
Steel Cans

New England Processing

Contact: Ed Betit
Address: Rt. 24 S, PO Box 495
South Gardiner ME 04347
Phone: 207-582-6361

Category: Processor

Freight: FOB their dock
Form: Loose/baled/granulated
Quantity:
Assistance:

Materials Accepted:

HDPE Plastic Containers
PP Plastic
PS Plastic
PVC Plastic
Plastic Film

New Plastics Trading Company

Contact: Mary Mahoney
Address: 1400 Adams Rd. Unit 1
Bensalem PA 19020
Phone: 215-638-8803

Category:

Freight: FOB their Dock
Form: Baled
Quantity: Truckload (30,000 pounds)
Assistance:

Materials Accepted:

Mulch Film
Plastic Film

Niagra Resin and Recycling

Contact: Linda Moscati
Address: 4870 Packard Rd
Niagara Falls NY 14304
Phone: 716 282-0235

Category: Processor

Freight:
Form:
Quantity: no minimum
Assistance:

Materials Accepted:

LDPE Plastic

Nicon Plastics, Inc.

Contact: Leslie Miller
Address: 4-11 47th Ave.
Long Island City NY 11101
Phone: 718-392-1177

Category: Reprocessor

Freight: FOB their dock. Can arrange trucking.
Form: baled
Quantity: trailer load
Assistance:

Materials Accepted:

PETE Plastic Containers

North American Recycling Corp.

Contact: Robert Barber
Address: P.O. Box 550
Fort Edward NY 12528
Phone: 518 747-4183

Category: Processor

Freight: depends
Form: baled & loose
Quantity: no min
Assistance: help w/ office recycling

Materials Accepted:

Aluminum
Glass
Boxboard
Colored Ledger
Computer Print-out
Corrugated Cardboard
Mixed Paper
Newspaper
White Ledger
HDPE Plastic Containers
PETE Plastic Containers
Tires

North Shore Recycled Fiber

Contact: Jonathan Gold
Address: 53 Jefferson Ave.
Salem MA 01970
Phone: 508-744-4330

Category: Broker, End-user

Freight: FOB sellers dock.
Form: Baled or loose
Quantity:
Assistance: Pick-up/trailers/forklift available

Materials Accepted:

Boxboard
Colored Ledger
Computer Print-out
Corrugated Cardboard
Mixed Paper
Newspaper
Other Paper
White Ledger
HDPE Plastic Containers
PETE Plastic Containers

Northeast Waste Services, LTD

Contact: Pat Stetson
Address: P.O. Box 1045
White River Jct. VT 05001
Phone: 802-295-2660

Category: Processor
Freight: FOB depends on dealer
Form: prefer bales/accept loose
Quantity: no minimum
Assistance: containers/hauling/planning/educate

Materials Accepted:

Aluminum
Glass
Computer Print-out
Corrugated Cardboard
Magazines
Mixed Paper
Newspaper
White Ledger
HDPE Plastic Containers
PETE Plastic Containers
PS Plastic
Steel Cans

Opex Inc.

Contact: Celeste Johnson
Address: PO Box 1253
Stamford CT 06904
Phone: 203-975-9094

Category: End-user
Freight: FOB
Form: flexible
Quantity: flexible
Assistance:

Materials Accepted:

Greenhouse Film
Molded Flower Pots
Overwintering Film
Plastics

Orford Recycling, Inc.

Contact: Robert Parenteau
Address: 1100 Talbot Street
Sherbrooke QUE J1G 2P2 Canada
Phone: 819-564-6004

Category: Broker, Processor, End-user
Freight: Can arrange trucking
Form: baled for paper/plastic
Quantity: 20 tons
Assistance: plants: Montreal, Sherbrook, Granby

Materials Accepted:

Glass
Colored Ledger
Computer Print-out
Corrugated Cardboard
Newspaper
White Ledger
Plastic Containers
Steel Cans

Owens Brockway

Contact: Joe Runkle
Address: County House Rd.
Auburn NY 13021
Phone: 315-255-5203

Category: End-user
Freight: FOB their dock.
Form: whole or crushed
Quantity: no minimum
Assistance:

Materials Accepted:

Glass

Owens-Brockway Glass Inc.

Contact: Patti Hauser
Address: 25 One Seagate
Toledo OH 43666
Phone: 419-247-1199

Category: End-user
Freight: You arrange trucking.
Form: whole or crushed
Quantity: truck load
Assistance:

Materials Accepted:

Glass

Oxford Tire Supply, Inc.

Contact: Jim Madden
Address: 1414 Norwich Rd.
Plainfield CT 06374
Phone: 800-873-8473

Category: End-user

Freight: Included in price quote; provides shipping
Form: whole, all sizes, rims ok
Quantity: trailer load
Assistance: trailer rentals

Materials Accepted:

Tires

P. Allen and Son, Inc.

Contact: Edward Allen
Address: P.O. Box 27
Northampton MA 01060
Phone: 413-584-3040

Category: Broker, Processor

Freight: Can arrange for trucking.
Form: loose or baled
Quantity: truck load
Assistance:

Materials Accepted:

Aluminum
Cardboard
Colored Ledger
Computer Print-out
Mixed Paper
Newspaper
White Ledger
HDPE Plastic Containers
Steel Cans

Packaging Corp. of America

Contact: Leon Aumell
Address: 74 Weed Street
Plattsburgh NY 12901
Phone: 518-561-4880

Category: End-user

Freight: Can arrange delivery. FOB their dock.
Form: baled preferred
Quantity: no minimum
Assistance:

Materials Accepted:

Computer Print-out
Newspaper

Pallets Recycle of Vermont

Contact: Dave Blanchett
Address: PO Box 119
Williston VT 05495
Phone: 802-879-0996

Category: End-user & selling

Freight:
Form:
Quantity: delivered in truckloads
Assistance:

Materials Accepted:

Pallets

Palmer Shredding, Inc.

Contact: Nathan B. Palmer
Address: Rt. 7 Box 905
North Ferrisburg VT 05473
Phone: 802-425-4031

Category: Processor, End-user

Freight: pick up available
Form: car w/ rims; truck w/o
Quantity: call for volume pricing
Assistance: set up trailers for collection

Materials Accepted:

Tires

Paper Services Ltd.

Contact: Gary D'Neal
Address: P.O. Box 45
Hinsdale
Phone: 603-239-6344

NH 03451

Category: Processor, End-user

Freight: FOB their dock
Form:
Quantity: No minimum
Assistance:

Materials Accepted:

Colored Ledger
Computer Print-out
Magazines
Mixed Paper
Newspaper
White Ledger

Paperboard Industries Corp.

Contact: Melva Donald
Address: 495 Commissioners St
Toronto
Phone: 416-461-8261

ONT M4M 1A5 Canada

Category: End-user

Freight: Can arrange trucking.
Form: Baled
Quantity: 20 tons
Assistance:

Materials Accepted:

Boxboard
Computer Print-out
Corrugated Cardboard
Other Paper
White Ledger

Papier Kinsey Fall/Cascade Div

Contact: Avery Perkins
Address: 408 Rue Marie-Victor
Kinsey Falls
Phone: 819-363-5266

QUE Canada JOA IBA

Category: End-user

Freight:
Form:
Quantity:
Assistance:

Materials Accepted:

Boxboard
Corrugated Cardboard
Mixed Paper
Newspaper

Penacook Fiber Company

Contact: Rick Allen
Address: 12 N. Main St.
Penacook
Phone: 603-753-6521

NH 03303

Category: End-user

Freight: You pay freight.
Form: Baled only
Quantity: No minimum
Assistance:

Materials Accepted:

Corrugated Cardboard

Pennsylvania Cullet

Contact: Gerald Brocious
Address: P.O. Box 174
Corsica
Phone: 814-379-3271

PA 15829

Category: End-user

Freight: truck or rail delivery
Form:
Quantity:
Assistance:

Materials Accepted:

Glass

Pike Industries

Contact: Dick Covey
Address: Plainfield Rd Bx 365
West Lebanon
Phone: 603-298-8773

NH 03784

Category: End-user

Freight:
Form:
Assistance:

Materials Accepted:

Asphalt

Pinetree Waste Corp.

Contact: Maurice Boutin
Address: P.O. Box 402
Keene

NH 03431

Phone: 603-357-4586

Category: Processor

Freight: Pick-up of materials available
Form: loose or baled
Quantity: no minimum
Assistance: distribute baling mach/drum crusher

Materials Accepted:

Aluminum
Lead-acid Batteries
Boxboard
Computer Print-out
Corrugated Cardboard
Newspaper
White Ledger
Scrap Metal
Textiles

Polychem Products Ltd.

Contact: Ron Paquette
Address: 725 Gaudette Street
St-Jean-Sur-Richel QC Canada J3B 7S7

Phone: 514-348-7392

Category:

Freight:
Form:
Quantity:
Assistance:

Materials Accepted:

Mulch Film
Silage Bags

Pure Tech International, Inc.

Contact: Enrico Gallo
Address: 91 E. Carmans Road
E. Farmingdale NY 11735

Phone: 516-694-0142

Category: Processor

Freight: contract carriers
Form:
Quantity: minimum 40,000lbs
Assistance:

Materials Accepted:

PETE Plastic Containers

Putney Paper Co., Inc.

Contact: Buddy Edwards
Address: P.O. Box 226
Putney VT 05346

Phone: 802 387-5571

Category: End-user

Freight: F.O.B. depends
Form: baled
Quantity: trailer load
Assistance: Pick-up available

Materials Accepted:

Computer Print-out
Corrugated Cardboard
Magazines
Other Paper
White Ledger

QUINO Corporation

Contact: D. W. Schmaltz
Address: Allanburg Road
Thorold ONT L2V 3Z5 Canada

Phone: 905 227 1121

Category: End-user

Freight:
Form:
Quantity:
Assistance:

Materials Accepted:

Newspaper

R&R Industries, Inc.

Contact: Jake Vigoda
Address: 195 Rocus St.
Springfield MA 01104
Phone: 413-733-2118

Category: Broker, Processor

Freight: FOB their dock
Form:
Quantity:
Assistance: Containers and bucket loaders avail

Materials Accepted:

Scrap Metal
White Goods
Tires

RRT Resource Rec. Technologies

Contact: Mary Newsom
Address: 300 Plaza Drive
Vestal NY 13850
Phone: 607-798-7137

Category: Broker, Processor

Freight: Trucking can be arranged. FOB their plant.
Form: whole/crushed/baled
Quantity: full trailer load pref.
Assistance:

Materials Accepted:

Aluminum
Glass
Corrugated Cardboard
Newspaper
HDPE Plastic Containers
PETE Plastic Containers
Steel Cans

Reclaim of NJ Inc.

Contact:
Address: 12-24 3rd Street
Kearney NJ 07032
Phone: 201-589-7767

Category: End-user

Freight:
Form:
Quantity:
Assistance:

Materials Accepted:

Asphalt Shingles

Recoverable Resources/ R2B2

Contact: Michael Schedler
Address: 1809 Carter Ave.
Bronx NY 10457
Phone: 718-731-3931

Category: Processor

Freight: FOB their dock or pick-up
Form: whole, baled or reground
Quantity: no minimum
Assistance:

Materials Accepted:

HDPE Plastic Containers
PETE Plastic Containers
PVC Plastic

Recycled Auto Parts of Brattl.

Contact: Kevin Cooke, J. Boyd
Address: R.R. 6 Box 32
Brattleboro VT 05301
Phone: 800-654-9034

Category: Processor

Freight: pick-up charge
Form:
Quantity:
Assistance: remove junk vehicles

Materials Accepted:

Aluminum
Lead-acid Batteries
Scrap Metal
White Goods
Steel Cans

Recycling Enterprises

Contact: Mr. Fox
Address: 112 Main St. Box 69
Webster MA 01570
Phone: 508-949-2797

Category: Broker, Processor

Freight: They can arrange trucking. FOB their dock.
Form: whole/crush-color separat
Quantity: 15-18 tons
Assistance:

Materials Accepted:

Glass

Recycling Services

Contact: Jim Silvers
Address: Indstrl Blvd/POB305
Claremont NH 03743
Phone: 603-542-8755

Category: Broker, Processor

Freight: FOB delivered or point of pick-up
Form: baled or loose
Quantity: truck load
Assistance: Scrap metal baling; rolloff lease

Materials Accepted:

Aluminum
Lead-acid Batteries
Glass
Other
Colored Ledger
Computer Print-out
Corrugated Cardboard
Magazines
Newspaper
White Ledger
HDPE Plastic Containers
Overwintering Film
PETE Plastic Containers
PVC Plastic
Shrink Wrap
Stretch Film
Scrap Metal
Steel Cans

Reynolds Aluminum Recycling

Contact: Stu Marvin
Address: 110 Halycon Drive
Bristol CT 06010
Phone: 203-582-5179

Category: End-user

Freight: Can provide pick-up.
Form: flattened/baled/biscuits
Quantity: no minimum for delivered
Assistance: Trailer & flattener/blower loaned

Materials Accepted:

Aluminum
Other

Rock-Tenn Company

Contact: Tim Vannatta
Address: PO Bx 465/21 Mill St
Sheldon Springs VT 05485
Phone: 802 933-5903

Category: End-user

Freight: arrange to have mtl. picked-up from broker
Form: baled
Quantity: truck load
Assistance:

Materials Accepted:

Boxboard
Colored Ledger
Corrugated Cardboard
Mixed Paper
Newspaper
White Ledger

Rutland Storage Trailers Inc.

Contact: Kevin & Jeff Elnicki
Address: P.O. Box 609
W. Rutland VT 05777
Phone: 802-775-5568

Category: Processor

Freight: FOB your dock
Form: loose or baled
Quantity: 1,000 pounds
Assistance: Provide roll-offs and toters

Materials Accepted:

Aluminum
Glass
Corrugated Cardboard
HDPE Plastic Containers
PETE Plastic Containers
Scrap Metal
Steel Cans

Sahara International Co.

Contact: Issaac Amo
Address: 14857 Persistence Dr
Woodbridge VA 22191
Phone: 703-490-1151

Category: Broker/Processor/Exporter

Freight:
Form:
Quantity:
Assistance:

Materials Accepted:

Textiles

Schiavone Brothers Inc.

Contact:
Address: 16 Maquire Court
Newton MA 02160
Phone: 617-332-9074

Category:

Freight:
Form:
Quantity:
Assistance:

Materials Accepted:

Scrap Metal

Shuman Plastics

Contact: Ken Shuman
Address: 35 Neoga St.
Depew NY 14043
Phone: 716-685-2121

Category: End-user

Freight: They can arrange trucking. FOB depends.
Form: clean, baled/ground/whole
Quantity: 5 ton or more
Assistance:

Materials Accepted:

HDPE Plastic Containers
PETE Plastic Containers
PP Plastic
PS Plastic
PVC Plastic

Solavite Inc.

Contact: Barry Springer
Address: Box 370
Sabattus ME 04280
Phone: 207-375-4279

Category: Broker, End-user, Processor

Freight: FOB your dock. Pick-up services.
Form: bundled or paper bags
Quantity: trailer load
Assistance: Trailer leasing

Materials Accepted:

Newspaper

Sonoco Limited

Contact: G.P. Poliquin
Address: 25 Langlois St.
Terrbonne QUE J6W 4H4 Canada
Phone: 514-471-4153

Category: End-user

Freight: FOB their dock. Can arrange trucking.
Form: baled
Quantity: truckload
Assistance:

Materials Accepted:

Corrugated Cardboard
Newspaper

Sonoco Paper Recovery

Contact: Ira Furr/R. Michalak
Address: 2 Sargeant St.
Holyoke MA 01040
Phone: 413-536-9080

Category: End-user

Freight: FOB their dock.
Form:
Quantity:
Assistance:

Materials Accepted:

Corrugated Cardboard
Mixed Paper
Newspaper

Specialty Paperboard, Inc.

Contact: John Caswell
Address: P.O. Box 498
Brattleboro VT 05302
Phone: 802-257-5952

Category: End-user

Freight: All delivered prices
Form: baled
Quantity: 20 ton
Assistance:

Materials Accepted:

Computer Print-out
White Ledger

St. Jude Polymers Corp.

Contact: John Guers
Address: Industrial Park
Frackville PA 17931
Phone: 717-874-1220

Category: End-user

Freight: FOB your dock.
Form: baled, ground or shredded
Quantity: 25,000 lb.
Assistance:

Materials Accepted:

PETE Plastic Containers

Strathcona Paper Co.

Contact: Art Hunter
Address: Box 130
Napane ONT K7R 3L6 Canada
Phone: 613-378-6672

Category: End-user

Freight: You arrange trucking.
Form: Baled only
Quantity: 20 tons
Assistance: (located near Kingston)

Materials Accepted:

Computer Print-out

Sunoco Products Co.

Contact: Randy Michalak
Address: 2 Sargeant Street
Holyoke MA 01040
Phone: 413-536-4546

Category: Broker, Processor

Freight: FOB their dock. You arrange trucking.
Form: Bundled
Quantity: truck load
Assistance:

Materials Accepted:

Cardboard
Magazines
Newspaper

Sunrise Trading Corp.

Contact: Jacob Yazejian
Address: Hope & King Streets
Jersey City NJ 07307
Phone: 201 795-1747

Category: Broker, Processor

Freight:
Form:
Quantity:
Assistance:

Materials Accepted:

Textiles

Superior Recycling

Contact: Bill Gallagher
Address: HCR Box 110A
Cornish

NH 05745

Phone: 603-675-2112

Category: Processor

Freight:
Form:
Quantity:
Assistance: containers and pick-up service

Materials Accepted:

Aluminum
Boxboard
Computer Print-out
Corrugated Cardboard
Newspaper
White Ledger

TeleCycle

Contact:
Address: 501 E. Kennedy Blv
Tampa

FL 33602

Phone: 800-696-9365

Category: Broker (national computer database service)

Freight:
Form:
Quantity:
Assistance: Natl. database, buys/sells machines

Materials Accepted:

Aluminum
Corrugated Cardboard
Plastics
Scrap Metal
Steel Cans

Thermo-cell Insulation Ltd.

Contact: Bob Bossi
Address: 2015 Lanthier Drive
Orleans

ONT K4B 1M1 Canada

Phone: 613-837-9797

Category: End-user

Freight: Will pay freight.
Form: Baled preferred
Quantity: Truck load
Assistance: located in Ottawa

Materials Accepted:

Newspaper

Trans-Americas Trading Co.

Contact: Edward Stubin
Address: 116-122 West Street
Brooklyn

NY 11222

Phone: 718-383-3445

Category: Broker

Freight:
Form:
Quantity:
Assistance:

Materials Accepted:

Textiles

U.S. Polymers, Inc

Contact: Randolph Haight
Address: 220 Broadway N303
Lynnfield

MA 01940

Phone: 617-593-1414

Category: Broker

Freight: Pick up or FOB
Form: Baled
Quantity: Truckload or 20,000 lbs
Assistance:

Materials Accepted:

Greenhouse Film
HDPE Plastic Containers
LDPE Plastic
Molded Flower Pots
Other Plastic
Overwintering Film
PETE Plastic Containers
PP Plastic
PS Plastic
PVC Plastic
Plastic Film
Plastics

United Resource Recvry-Hancor

Contact: Dave Markie
Address: 30 Precision Drive
N. Springfield VT 05150

Phone: 802-886-8403

Category: End-user

Freight: They absorb freight; will arrange pick-up.
Form: CLEAN HDPE FLAKE REGRIND
Quantity: large loads preferred
Assistance:

Materials Accepted:

HDPE Plastic Containers

Upper Valley Pallet Co.

Contact: Alan Corliss
Address: R R 1 Box 240
Bradford VT 05033

Phone: 222-4017

Category: Processor

Freight: Depends on quantity & quality
Form:
Quantity: minimum 100 pallets
Assistance: Free pallet dump. Pick-up available

Materials Accepted:

Pallets

Vermont Republic Industries

Contact: Albin Voegelé
Address: 3 Lemnah Dr. Box 628
St. Albans VT 05478

Phone: 802-524-6055

Category: Broker, Processor

Freight: Can arrange transport.
Form: Loose & industrial
Quantity: No minimum
Assistance: Commercial sources only.

Materials Accepted:

HDPE Plastic Containers
PVC Plastic

WTE Recycling

Contact: Paul Jordan
Address: 136 C. Fuller Road
Albany NY 12205

Phone: 518-459-1080

Category: Processor

Freight: negotiated
Form: Trailers/bulk
Quantity: Full truckloads
Assistance:

Materials Accepted:

HDPE Plastic Containers
PETE Plastic Containers

Webster Industries

Contact: William Crisafi
Address: 58 Pulaski Street
Peabody MA 01960

Phone: 508-532-2000

Category:

Freight:
Form:
Quantity:
Assistance:

Materials Accepted:

Greenhouse Film

Wellington Hill Recycling Co.

Contact: George James
Address: Box 424 RFD#3
Putney VT 05346

Phone: 802-463-1417

Category: Broker, Processor

Freight:
Form: loose OK
Quantity:
Assistance: Will pick-up and bale.

Materials Accepted:

Computer Print-out
Mixed Paper
White Ledger
HDPE Plastic Containers

Wellman, Inc.

Contact: Alex Housepian
Address: 1020 Broad St/Ste302
Shrewsbury NJ 07702
Phone: 908-542-7300

Category: End-user
Freight: FOB at shipping point.
Form: baled (app. 700 lbs.)
Quantity: 15 ton
Assistance: Trucks available for pick-ups.

Materials Accepted:

, PETE Plastic Containers

Wellman, Inc.

Contact: Sue Hunter
Address: PO Box 313
Bridgeport NJ 08014
Phone: 609-467-5522

Category: End-user
Freight: collect
Form:
Quantity: minimum 30,000 lbs
Assistance:

Materials Accepted:

PETE Plastic Containers

Wood Recycling Inc.

Contact: James McElvenney
Address: 3 Wheeling Avenue
Woburn MA 01801
Phone: 800-982-8732

Category: Processor, End-user
Freight:
Form:
Quantity: any amount
Assistance: will haul in 100cy trailers

Materials Accepted:

Clean Wood Waste
Newspaper
Telephone Books

G: REUSE OPPORTUNITIES

Material Exchanges

Material exchanges provide businesses with an opportunity to reuse waste materials. This service provides the link between generators of reusable materials with companies that can reuse them. An exchange operator maintains materials wanted and available on a database, and publishes a catalogue with the listings on a regular basis. Packaging, wood waste, salvageable construction waste and demolition debris are a sample of some of the materials that can be exchanged.

The Vermont Business Materials Exchange (VBMex), established in 1993, provides reuse options for Vermont businesses. Businesses can list materials wanted or available free-of-charge. Contact the VBMex for a listings catalogue or for more information.

Organization: Vermont Business Materials Exchange (VBMex)

Contact Person: Robert Lawson

Address: PO Box 935

Town: Brattleboro VT 05302

Phone Number: 800-895-1930

Organization: Barn Raisers

Contact Person: Maryellen McPhee

Address: 227 South Pearl Street

Town: Albany NY 12202

Phone Number: 518-462-00139

Organization: National Materials Exchange Network

Contact Person:

Address: 1522 N. Washington Street Suite 202

Town: Spokane WA 99201

Phone Number: 509-325-0507

Salvage Yards

Organization: Architectural Salvage Warehouse

Contact Person: David Ackerman

Address: 212 Battery Street

Town: Burlington VT 05401

Phone Number: 802-658-5011

Organization: Mason Brothers Salvage

Contact Person: David Mason

Address: 11 Maple Street

Town: Essex Junction VT 05452

Phone Number: 802-879-4221

Organization: Vermont Salvage Exchange

Contact Person:

Address: Box 453

Town: White River Jct. VT 05001

Phone Number: 802-295-7616

Organization: Historic Albany Foundation, Parts Warehouse

Contact Person: Jeffrey Dembowski

Address: 399 South Pearl Street

Town: Albany NY 12202

Phone Number: 518-465-2987

Organization: DORP Salvage Co. Inc.

Contact Person:

Address: 566 Broadway

Town: Schenectady NY 12305

Phone Number: 518-393-1744

Computer Reuse and Recycling Opportunities

Company	Street	Town	State	Zip	Phone Number
Advanced Recovery	3 Montgomery Street	Bellville	NJ	07109	201-450-9797
C.E.C Enterprises	110 Middlesex Street	North Chemsford	MA	01863	508-251-4521
Computers Plus	35 King Street	Burlington	VT	05401	802-863-5633
East West Foundation	582 East Street	Boston	MA	02210	617-542-5512
Equipment Recycling Services	2140 Professional Drive	Rosevale	CA	95661	800-258-0070
GeoSoft: The Company	P.O. Box 643	Bellows Falls	VT	05101	603-756-4245
RST Computer Services	66B River Road	Hudson	NH	03051	603-595-8708
VT Assistive Tech. Recyc. Proj	P.O. Box 885	Montpelier	VT	05601	800-491-6840

Laser Toner Printer Cartridges

Black Lightning: RR 1, Box 87, Depot Rd., Hartland, VT 05048; (800) 252-2599

Cartridge Care Of Vermont: 200 Main St., Winooski, VT 05404; (802) 655-9774

Ideal Computer Supplies: 3120 E. Main St., Endwell, NY 13760; (607) 757-0025

McAuliffe Inc.: P.O. Box 848, Burlington, VT 05402-0848; (802) 658-4445 or (800) 642-51310

Ribbon Recyclers: P.O. Box 12, Essex Junction, VT 05453-0012; (802) 879-3027

Printer Ribbon Recycling

Ideal Computer Supplies: 3120 East Main St., Endwell, NY 13760; (607) 757-0025

Gerald Hall Sales & Service: P.O. Box 404, Hardwick, VT 05843; (802) 472-3361

Ribbon Recyclers: P.O. Box 12, Essex Junction, VT 05453; (802) 879-3027

Antifreeze Recycling Services

Ecoservice Inc.: P.O. Box 272, Montpelier, VT 05601-0272; (802) 229-6326

Diaper Services

Anna's Diaper Service: P.O. Box 6, Essex Junction, VT 05453; (802) 655-1602

Bottoms Up: P.O. Box 1472, White River Junction, VT 05001; (802) 296-2665

Ken's Diaper Service: 108 Court St., Middlebury, VT 05753; (802) 388-2417

High and Dry: P.O. Box 247, Stowe, VT; (802) 253-5063

Natural Changes: 9496 West Canal St. Winooski, VT 05404; (802) 655-4099

Packaging Peanuts¹

The Shipping Shack, RR 5 Putney Rd., Brattleboro, VT 05346; (802) 254-3863

Postal and Business Services Inc., 130 Prim Road, Colchester, VT 05446; (802) 860-2815

MBE-S Burlington, 150 Dorset St., S. Burlington, VT 05407; (802) 860-7428

¹Contact your Solid Waste Management District for other local listings for packaging peanuts.

H: RECYCLING SERVICES

Commercial Haulers that Transport Recyclables

Hauler	Address	City	State	Zip	Telephone
Abbey, Leonard	Box 293	Northfield	VT	05663	(802) 485-8632
Ace Trash	P.O. Box 13	Stowe	VT	05672	(802) 253-9222
All Cycle, Inc.	PO Box 976	Williston	VT	05495	(802) 864-3615
Andrews, Harry	RR1 Box 126	Pownal	VT	05261	(802) 823-7279
Area Waste Services Inc.	PO Box 726	Saxtons River	VT	05154	(802) 463-9286
B & B Rubbish Removal	PO Box 6791	Rutland	VT	05701	(802) 775-6182
Baker, Eric	RFD 1, Box 1760	Pawlet	VT	05761	(802) 645-9900
Baker, Timothy	RR Box 180	Dorset	VT	05251	(802) 867-5336
Barker Sargent Corp	PO Box 4	Thetford	VT	05074	(802) 333-9397
Barnier & Son's Trucking	94 West Street	Essex Jct	VT	05452	(802) 878-3232
Bauer (Fred) Rubbish Removal	PO Box 1056	Brattleboro	VT	05302	(802) 254-6981
Benson's Rubbish Removal	RFD 2, Box 1267	Bethel	VT	05032	(802) 234-5003
Berkshire Clean Way Rubbish	PO Box 253	Dalton	MA	01226	(413) 684-0165
Blanchard, Lyle	Box 55	Washington	VT	05675	(802) 883-2287
Browning-Ferris Industries	894 Missing Link Road	Rockingham	VT	05101	(802) 463-4621
Bugbees Rubbish Removal	RR 1, Box 295	Hartland	VT	05048	(802) 436-2742
Burlington Tire Removal	25 St. May's Street	Burlington	VT	05401	(802) 862-8610
Bushee Trucking & Lawn Care	RR #1, Box 1280	Manchester Ctr.	VT	05255	
Carangio, Raymond L.	PO Box 453	Manchester Ctr.	VT	05255	(802) 362-1846
Casella Waste Management	PO Box 866	Rutland	VT	05702	(800) 775-0325
Central VT Quality Services	292 West Street	Rutland	VT	05701	(802) 773-7757
Dan's Sanataur Disposal	Box 854	White River Junction	VT	05001	(802) 295-5005
Dana Sweet Enterprises	PO Box 57	Cambridge	VT	05444	(802) 644-2446
Delance Brothers Trucking	Oxbow Road	South Royalton	VT	05068	(802) 763-7283
Downey, James J. & Mary C.	RR 1 Box 2090	Arlington	VT	05250	(802) 375-9342
Durkee Rubbish Removal	RR 1, Box 80	Sharon	VT	05065	(802) 765-4308
Environmental Action Inc.	PO Box 589	North Adams	MA	01247	(413) 663-5842
Ethan Hill	P.O. Box 163	North Hyde Park	VT	05655	(802) 635-7567
Friend, Randy	RFD 1 Box 136B	Danville	VT	05828	(802) 684-2246
Gamelin's Rubbish Removal	166 College Parkway	Colchester	VT	05446	(802) 655-3867
Gauthier Trucking Inc.	35 Drew Street	Burlington	VT	05401	
Gobin Disposal Sys	PO Box 87	Hanover	NH	03775	(800) 753-2330
Granville Refuse Co.	RFD 2	Granville	NY	12832	(578) 642-1223
Green Mt Sanitation, Inc.	PO Box 138	Morrisville	VT	05661	(802) 888-3627
Greenia, Bernard Sr.	RD 2 Box 1340	Fairfax	VT	05454	(802) 893-4612
Hill, Ethan	PO Box 163	N Hyde Park	VT	05665	(802) 635-7567
Hodgdon Salvage	PO Box 19	Swanton	VT	05488	(802) 868-7280
Hubbard Bros, Inc. (Ted)	PO Box 315	Rutland	VT	05701	(802) 773-2259
Jacobsen, R. Jake	RR 1 Box 1480	W Rutland	VT	05777	(802) 438-5188
Johnson, Steve	c/o Pat Richardson	Cuttingsville	VT	05738	(802) 773-3525
Kelco Disposal Inc.	PO Box 2391	So Burlington	VT	05407	(802) 863-2900
Mayer, Robert J.	407 Northside Drive	Bennington	VT	05201	(802) 447-7340
Metivier Trucking Co	248 Colchester Road	Essex Junction	VT	05452	(802) 878-0411
Milton Sanitation & Trucking	86 Bear Trap Road	Milton	VT	05468	(802) 893-6285
Nolins Trucking	81 Hall St	Winooski	VT	05404	(802) 655-2455
Northeast Waste Services Ltd.	PO Box 1045	White River Jct.	VT	05001	(802) 295-2660
Patch, Marvin	PO Box 86	Mt. Holly	VT	05758	(802) 259-2901
Perry Enterprises	PO Box 64650	Burlington	VT	05406	(802) 864-3615
R&K Beauchene Waste Service	PO Box 370	Etna	NH	03750	(603) 643-6770
Reynolds Trucking, Wayne	RFD 1 Box 950	Fairfield	VT	05455	(802) 534-6234
Rutland Storage Trailers Inc.	PO Box 609	W. Rutland	VT	05777	(802) 775-5568
Senecal, Larry J.	PO Box 395	Bennington	VT	05201	
Shaftsbury Trucking	Hidden Vally Rd	Shaftsbury	VT	05262	
Signature Transfer System	Box 587	Drewsville	NH	03604	(603) 445-2105
Spaulding's Refuse	HCR 62 Box 48	Bomoseen	VT	05732	(802) 468-5245
Sweet, John A.	RFD Chapel Road	Bennington	VT	05201	(802) 442-5912
Sweet, Thomas	91 Oaks St	Bennington	VT	05201	(802) 442-5536
T.P. Waste Service Inc.	P.O. Box 52	Windsor	VT	05089	(802) 674-9382
Town & Country Pickup	PO Box 9	Vergennes	VT	05491	(802) 453-3131
Triple T Trucking Co. Inc.	RR 6 Box 6	Brattleboro	VT	05301	
VT Waste & Recycling Managemnt	PO Box 9	Vergennes	VT	05491	(802) 453-3131
Vermont Metal Exchange	195 Main Street	Colchester	VT	05446	(802) 879-1813
Waldon, Kelly	Box 153	E. Barre	VT	05649	
Warren Earles	P.O. Box 23	Eden Mills	VT	05653	
Whipple, Charles	RFD 3 Box 43	Brattleboro	VT	05301	
Woodchuck Delivery Service	30 Family Circle	White River Junction	VT	05001	(802) 296-2302
Woodstock Recyc. & Refuse Corp	P.O. Box 819	Woodstock	VT	05091	(802) 457-1807

¹Due to changing market conditions, it is impossible to list every hauler who transports recyclables. This list reflects haulers listed in the previous Directory and new listings provided by Solid Waste Management District Recycling Coordinators. We apologize to those we may have missed. If you would like to be listed in next year's update, please contact the Recycling Section.

Scrap Metal Dealers

Bolduc Auto Salvage: RFD 3, Box 2460, Montpelier, VT 05602; (802) 223-7917
Brandon Scrap Metal: RD 2, Route 7, Leicester, VT 05733; (802)247-8800
Brattleboro Salvage: 160 Vernon Rd., Brattleboro, VT 05301; (802) 254-5133
Brown Auto Salvage: Box 275, Bomoseen, VT 05732; (802) 468-5757
Capitol Bag & Waste: Port of Albany, Albany, NY 12202; (518) 465-4914
Clarence Brown Inc.: Federal Street, St. Albans, VT 05478; (802) 524-2400
Gates Salvage: Craftsbury Rd., Hardwick, VT 05843; (802) 472-5794
George Apkin & Sons, Inc.: 80 State Street, North Adams, MA 01247 (413) 664-4936
Hodgdon Salvage: P.O. Box 19, Swanton, VT 05488; (802) 868-7280
Kramer Scrap Division, WTE Recy. Inc.: Southern Ave., Greenfield, MA 01301; (413) 774-3103
MAC Equipment & Steel Co.: 286 North Main Street, Rutland VT 05701; (802) 773-2911
Madbury Metals Co.: P.O. Box 40, Dover, NH 03820; (603) 749-3314
Queen City Iron & Metal: Intervale Road, Burlington, VT 05402; (802) 864-0326
R. Brown & Sons: 31 Pointers Point Rd., Colchester, VT 05446; (802) 658-1378
Rathe Brothers: Rathe Road, Colchester, VT 05446; (802) 655-0651
Rutland Waste & Metal: 246 West Street, Rutland, VT 05701; (802) 773-2877
Speedway Metals: 366 Deerfield Street, Greenfield, MA 01301; (413) 774-3664
VT MAPS: 150 North Champlain Street, Burlington, VT 05401; (802) 658-2407
Vermont Metal Exchange: 195 Main Street, Colchester, VT 05446; (802)865-9713

Household Batteries

Intl. Metal Reclamation Co. Inc.(INMETCO): P.O. Box 720, 245 Portersville Road, Ellwood City, PA; (412) 758-5515
Mercury Refining Co., Inc: 790 Watervliet-Shaker Rd., Latham, NY 12110; (800) 833-3505

I: DIRECTORIES (comprehensive material-specific recycling directories)

All Recyclable Materials

Publication: American Recycling Market Directory/Reference Manual

Cost: \$175.00

Organization: American Recycling Market Inc.

Address: PO Box 577

Town: Ogdensburg NY 13669

Phone: 800-267-0707

Plastics

Publication: 1993 Post-consumer Plastics Handlers and Reclaimers

Cost:

Organization: American Plastics Council

Address: 1275 K Street NW, Suite 400

Town: Washington DC 20005

Publication: Post-Consumer PET Plastic Market List

Organization: NAPCOR

Contact:

Address: 3770 NationsBank Corporate Center, 100 North Tryon Street

Town: Charlotte NC 82802

Phone: 704-358-8882

Publication: A Guide to Vinyl Recycling in the U.S. and Canada

Cost:

Organization: The Vinyl Institute

Address: One Cascade Plaza, 19th Floor

Town: Akron OH 44308

Phone: 800-969-8469

Paper

Publication: PaperMatcher

Cost:

Organization: American Paper Institute, Inc

Address: 1250 Connecticut Ave, NW, Suite 360

Town: Washington DC 20036

Phone: 800-878-8878

Office Supplies

Publication: Buy Recycled - The Business and Govt. Buyers Guide to Recycled Products

Cost: \$24.95

Organization: Californians Against Waste Foundation

Contact: Buy Recycled Campgn.

Address: 926 J St, Suite 606

Town: Sacramento CA 95814

Phone: 916-443-8317

Publication: Guide to Recycled Printing & Office Paper with Post-consumer Content

Cost: \$2.00

Organization: Californians Against Waste Foundation

Contact: Buy Recycled Campgn.

Address: 926 J St, Suite 606

Town: Sacramento CA 95814

Phone: 916-443-8317

Publication: BUY RECYCLED - Your practical Guide to the Environmentally Responsible Office

Cost: \$7.95

Organization: Services Marketing Group

Address: 8 South Michigan Ave., Suite 2500

Town: Chicago IL 60603

Phone: 312-332-0688

Consumer Directories

Publication: Shopper's Guide to Recycled Products

Cost: \$2.00

Organization: Californians Against Waste Foundation

Contact: Buy Recycled Campgn.

Address: 926 J St, Suite 606

Town: Sacramento CA 95814

Phone: 916-443-8317

Phone: 800-2-HELP90

J: INFORMATION ON RECYCLING AND REUSE: State and National Organizations

The Aluminum Association
900 19th Street, NW, Suite 300
Washington, DC 20006
202-862-5100
Fax: 202-862-5164

Aluminum Recycling Association
1000 16th Street, NW, Suite 603
Washington, DC 20036
202-785-0951
Fax: 202-785-0210

Glass Packaging Institute (GPI)
Natalie Roy, Recycling Director
1627 K Street, NW, Suite 800
Washington, DC 20006
202-887-4850

American Forest & Paper Association
1250 Connecticut Ave, NW, Suite 201
Washington, DC 20036
800-878-8878
Fax: 202-463-2785

Paperboard Packaging Council
1101 Vermont Ave, NW, Suite 411
Washington, DC 20005k
202-289-4100
Fax: 202-289-4243

Council of Packaging in the Env.
1001 Connecticut Ave. NW, Suite 401
Washington, DC 20036
202-331-0099
Fax: 202-466-5447

American Plastics Council
1275 K Street, NW, Suite 400
Washington, DC 20005
800-2-HELP-90

National Association for Plastic Container Recovery
100 N. Tryon Street, Suite 3770
Charlotte, NC 28202
704-358-8882
Fax: 704-358-8769

Polystyrene Packaging Council
1025 Connecticut Avenue, NW
Washington, DC 20036
202-822-6424
Fax: 202-331-0538

Plastic Bag Association
335 Lexington Ave.
New York, NY 10017-6603
(212) 661-4261

Plastic Bag Information Clearinghouse (database has listings for more than 14,000 plastic bag collection sites)
1-800-438-5856

Institute of Scrap Recycling Industries
1627 K Street, NW, Suite 700
Washington, DC 20006
202-466-4050

Steel Recycling Institute
680 Andersen Drive
Pittsburgh, PA 15220
800-876-SCRI

National Tire Dealers & Retreaders Association
12501 Street, NW, Suite 400
Washington, DC 20005
202-789-2300
Fax: 202-682-3999

Tire Retread Information Bureau
900 Weldon Grove
Pacific Grove, CA 93950
408-372-1917
Fax: 408-372-9210

Scrap Tire Management Council
1400 K Street, NW, Suite 900
Washington, DC 20005
202-408-7781

Council for Textile Recycling
7910 Woodmont Ave., Suite 1212
Bethesda, MD 20814
301-718-0671

Textile Fibers & By-Products Assoc.
PO Box 11065
Charlotte, NC 28220
704-527-5593

Filter Manufacturer's Council
Hotline has a list of companies that provide filter
management services
1-800-99-FILTER

Environmental & Recycling Organizations

Environmental Action Foundation
6930 Carroll Ave. Suite 600
Takoma Park, MD 20912
301-891-1109

Environmental Defense Fund
257 Park Avenue South
New York NY 10010
212-505-2100

National Recycling Coalition
1101 30th Street, N.W. Suite 305
Washington, DC 20036
202-659-4613
Fax: 202-775-5917

National Solid Waste Management Association
1730 Rhode Island Drive, N.W.,
Suite 1000
Washington, DC 20036
202-659-4613
Fax: 202-775-5917

Institute for Local Self Reliance
2425 18th Street NW
Washington D.C. 20009
202-232-4108

US Environmental Protection Agency
Region I (HER-CAN6)
JFK Federal Building
Boston, MA 02203-2211
800-424-9346
617-573-5720

In Vermont:

Association of Vermont Recyclers
Anne M. Imhoff-Business Recy. Project
PO Box 1244
64 Main Street
Montpelier, VT 05601
802-229-1833

Vermont Pollution Prevention & Education
Division
103 South Main Street
West Office Building
Waterbury, VT 05671-0404
802-241-3888
800-974-9559

K: VERMONT RECYCLING COORDINATORS LIST (area code 802)

Porter Ball, Recycling Coordinator
Addison County Solid Waste District
RD #1, Box 275
Middlebury VT 05753
388-2333, FAX 388-0037

Nate Williams
Bennington Regional Planning Commission
Box 342
Arlington VT 05250
375-9964, FAX 375-9964

Cindy Burton, Recycling Operations Coord.
Burlington Public Works
33 Kilburne Street
Burlington VT 05401
865-7262

Deb Fyffe, Recycling Coordinator
Central Vermont Solid Waste District
79 Main Street
Montpelier VT 05602
229-1350, FAX 223-0366

Nancy Plunkett & John Niles
Chittenden Solid Waste District
209 Redmond Road
Williston VT 05495
872-8100/8111, FAX 872-5787

Sami Izzo, Recycling Ed. Coordinator
Greater Upper Valley Solid Waste District
Colton Center Office Park
RR 2 Box 58A
Norwich VT 05055-9715
649-2610, FAX 649-2913

Teri White, Manager
Lamoille Regional Solid Waste District
RR #1, Box 2264
Morrisville VT 05661-9788
888-7317, FAX 888-650

NH/VT Solid Waste Program
Room 218 Moody Building
Claremont NH 03743
(603) 543-1201

Irene Sawyer, Recycling Coordinator
Northeast Kingdom Waste Mgmt District
RR #1, Box 376
Lyndonville VT 05851
626-3532/3563 or 800-734-4602

Mike Ewell, Acting Director
Northwest VT Solid Waste District
PO Box 1547
St Albans VT 05819
524-5986

Rutland Non-district Towns
Pam Clapp
J.M.S.C.\S.W.A.C.
376 Daisy Hollow Road
Middleton Springs, VT 05757
235-2710

Dean Wilson, Recycling Coordinator
Rutland County Solid Waste District
Howe Center
1 Scale Avenue, Building #6
Rutland VT 05701-5915
775-7209 or 773-4083, FAX 773-5796

Hallie Whitcomb, Recycling Coord.
607 Highland Rd.
Springfield VT 05156
home: 885-3376

Recycling Coordinator
Windham Solid Waste District
327 Old Ferry Road
Brattleboro VT 05301
257-0272

VT Agency of Natural Resources
Department of Environmental Cons.
Recycling and Resource Conservation Sec.
103 South Main Street, Laundry Bldg.
Waterbury VT 05671-0407
241-3444 or 800-932-7100, FAX 241-3273

Association of Vermont Recyclers
PO Box 1244
Montpelier VT 05602
229-1833

Appendix I

Pollution Prevention
Technical Assistance Programs

**Pollution Prevention
Technical Assistance Programs**

Pollution Prevention Information Clearinghouse (PPIC)
U.S. Environmental Protection Agency
PM 211-A
401 M Street, SW
Washington, DC 20460
202-260-1023

The PPIC has pollution prevention information, a telephone reference and referral system, and a computerized information exchange system.

Pollution Prevention Information Exchange System (PIES)
EPA Systems Development Center
200 N. Glebe Road
Arlington, VA 22203
703-506-1025 (modem)

PIES is a free, 24 hour accessible network consisting of management centers, bulletins, technical data bases, case studies, and issue specific conference listings.

Federal Agency Mini-Exchange (FAME)
EPA Systems Development Center
200 N. Glebe Road
Arlington, VA 22203
703-506-1025 (modem)

FAME is a database on the PIES that provides information on pollution prevention/recycling efforts at federal facilities.

Defense Environmental Network and Information Exchange (DENIX)
DECIM Office
Hoffman 2, Room 12S49
200 Stovall Street
Alexandria, VA 22332
1-800-642-3332
703-325-0002

DENIX is a DOD communications platform for the dissemination and exchange of environmental information across all DOD components.

Center for Environmental Research Information (CERI)
Dorothy Williams
U.S. Environmental Protection Agency
Center for Environmental Research Information
26 West Martin Luther King Drive
Cincinnati, OH 45268
513-569-7562

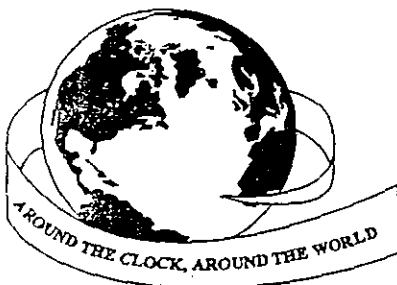
CERI serves as the exchange of scientific and technical information produced by EPA in brochures, capsule and summary reports, handbooks, newsletters, project reports, and manuals.

Appendix J

Defense Logistic Agency Centers

December 1995

*Chemical Alternatives, Recyclers,
Aircraft Cleaners and more . . .*



DEFENSE
LOGISTICS
AGENCY

2nd Edition

*This catalog has been expanded to include products
from throughout the Defense Logistics Agency.*

Environmental products

The Defense Logistics Agency has hundreds of environmental products in its supply system ranging from citrus-based degreasers and complete antifreeze recycling systems to natural resource conservation products.

Purchasing these products can help you meet your organization's goals in:

- Reducing hazardous waste
- Eliminating use of ozone-depleting chemicals
- Protecting your employees, and
- Saving money

Many different units of issue are available to

help ensure you buy only what you need. Most of these items can be shipped directly from the supplier to your location.

DLA has done the cataloging, item management and contracting for you and can ensure you receive the benefit of its purchasing power.

This catalog is divided into broad headings describing the types of products to assist you in selecting possible alternatives to hazardous chemicals or processes in use now.

For more information about environmental products, check the guide in this catalog and then call one of DLA's representatives today!

How do I order from DLA?

Preferred methods:

Automated systems using MILSTRIP/FEDSTRIP
or
GSA's Muffin System

Alternative methods:

Contact the appropriate inventory control point via:

FAX
Mail
ESEX

Internet home page address:
<http://www.dscr.dla.mil>

New environmental products are identified daily

DLA strives to meet its customers' needs by staying abreast of the latest technology and making new products available through the federal supply system. If you know of products which would be appropriate for inclusion in future editions, we want to hear from you!

If the product falls under one of the categories in this catalog, contact the technical or marketing representative at the appropriate supply center shown on pages *ii* and *iii*. In all other cases, contact the Defense Logistics Services Center, Battle Creek, Mich.

616-961-4958 or 5729 (Commercial)
932-4958 or 5729 (DSN)
932-5305 (FAX)

Reminder: Check with the process owner, engineering support activity, etc., before substituting an environmental product for a specified hazardous item.

S9E

Defense Electronics Supply Center
1507 Wilmington Pike
Dayton, Ohio 45444-5160

For more information on: Miscellaneous energy-saving
devices for ADP equipment

Call:

Marketing 1-800-643-8825 ... DSN 986-6425 FAX 1-800-643-8827

S9F

Defense Fuel Supply Center
8725 John J. Kingman Road, Suite 2941
Fort Belvoir, Va. 22060-6221

For more information on: Bulk petroleum, oils and lubricants

Call:

Chemist 703-767-8358 ... DSN 427-8358 FAX 703-767-8366

Item Manager 703-767-9262 ... DSN 427-9262 FAX 703-767-9269

Marketing 703-767-8377 ... DSN 427-8377 FAX 703-767-8366

S9I

Defense Industrial Supply Center
700 Robbins Avenue
Philadelphia, Pa. 19111-5096

For more information on: Gaskets, fasteners, packing

Call

Technical Support 215-697-0930 ... DSN 442-0930 ... E-Mail srigefsky@disc.dla.mil
215-697-4534 ... DSN 442-6671 ... E-Mail kmaute@disc.dla.mil

Material Branch 215-697-1172 ... DSN 442-1172

Many commodities managed by the Defense Industrial Supply Center contain materials hazardous to personnel, the environment, or both. These materials include asbestos, cadmium and ozone depleting substances. They may be contained in the products the center manages and procures or in the manufacturing or testing process for products it buys.

DISC has an aggressive program to develop and secure Service approval for replacements for many of its commodities which formerly utilized hazardous materials. Once a replacement has been developed and approved by the Service, the center no longer offers the hazardous stock number to its customers.

An Asbestos Bulletin Board System is in place which will assist you in identifying DISC-managed national stock numbers that contain asbestos. Non-asbestos replacements are listed with the asbestos parts. Anyone with a computer and modem can access the system at 215-697-2340 or DSN 442-2340.

DISC will continue its program to develop additional non-hazardous replacements with the intent of replacing all hazardous related commodities with those that do not use hazardous materials in either the product or its manufacturing process.

S9C

Defense Supply Center Columbus
P. O. Box 3990
Columbus, Ohio 43216-5000

For more information on: Pest management equipment
Natural resource conservation products
Firefighting equipment

Call:

Hazardous Materials

Minimization Program 614-692-4249 . . . DSN 850-4249 FAX 614-692-1753
Item Manager 614-692-2860 . . . DSN 850-2860 FAX 614-692-2862
Marketing 614-692-1858 . . . DSN 850-1858 FAX 614-692-1293

S9G

Defense Supply Center Richmond
8000 Jefferson Davis Highway
Richmond, Va. 23297-5100

For more information on:

Aqueous cleaners/degreasers	Spill control products	Marine cleaning compounds
Semi-aqueous cleaners/degreasers	Skin protection barrier products	Remanufactured/recycled laser printer toner cartridges
Hydrocarbon-based or other cleaners/degreasers	Cold climate applications	Packaged petroleum. oils. and lubricants
Aircraft cleaning compounds	Support equipment/recycling products	Pesticides

Call:

Hazardous Technical

Information Services 1-800-848-4847 . . . DSN 695-5168 email gss5089@dscr.dla.mil

Chemicals

Technical 804-279-3995 . . . DSN 695-3995 FAX DSN 695-6008
Item Manager 804-279-3540 . . . DSN 695-3540 FAX DSN 695-4403

Petroleum Products

Technical 804-279-4257 . . . DSN 695-4257 FAX DSN 695-6418
Item Manager 804-279-3024 . . . DSN 695-3024 FAX DSN 695-3971

Marketing 1-800-352-2852 . . . DSN 695-6054 FAX 1-800-352-3291
FAX DSN 685-5695

Appendix K

Executive Order 12856

Federal Register

Vol. 58, No. 150

Friday, August 6, 1993

Presidential Documents

Title 3—

The President

Executive Order 12856 of August 3, 1993

Federal Compliance With Right-to-Know Laws and Pollution Prevention Requirements

WHEREAS, the Emergency Planning and Community Right-to-Know Act of 1986 (42 U.S.C. 11001-11050) (EPCRA) established programs to provide the public with important information on the hazardous and toxic chemicals in their communities, and established emergency planning and notification requirements to protect the public in the event of a release of extremely hazardous substances;

WHEREAS, the Federal Government should be a good neighbor to local communities by becoming a leader in providing information to the public concerning toxic and hazardous chemicals and extremely hazardous substances at Federal facilities, and in planning for and preventing harm to the public through the planned or unplanned releases of chemicals;

WHEREAS, the Pollution Prevention Act of 1990 (42 U.S.C. 13101-13109) (PPA) established that it is the national policy of the United States that whenever feasible, pollution should be prevented or reduced at the source, that pollution that cannot be prevented should be recycled in an environmentally safe manner; that pollution that cannot be prevented or recycled should be treated in an environmentally safe manner; and that disposal or other release into the environment should be employed only as a last resort and should be conducted in an environmentally safe manner;

WHEREAS, the PPA required the Administrator of the Environmental Protection Agency (EPA) to promote source reduction practices in other agencies;

WHEREAS, the Federal Government should become a leader in the field of pollution prevention through the management of its facilities, its acquisition practices, and in supporting the development of innovative pollution prevention programs and technologies;

WHEREAS, the environmental, energy, and economic benefits of energy and water use reductions are very significant; the scope of innovative pollution prevention programs must be broad to adequately address the highest-risk environmental problems and to take full advantage of technological opportunities in sectors other than industrial manufacturing; the Energy Policy Act of 1992 (Public Law 102-486 of October 24, 1992) requires the Secretary of Energy to work with other Federal agencies to significantly reduce the use of energy and reduce the related environmental impacts by promoting use of energy efficiency and renewable energy technologies; and

WHEREAS, as the largest single consumer in the Nation, the Federal Government has the opportunity to realize significant economic as well as environmental benefits of pollution prevention;

AND IN ORDER TO:

Ensure that all Federal agencies conduct their facility management and acquisition activities so that, to the maximum extent practicable, the quantity of toxic chemicals entering any wastestream, including any releases to the environment, is reduced as expeditiously as possible through source reduction; that waste that is generated is recycled to the maximum extent practicable; and that any wastes remaining are stored, treated or disposed of in a manner protective of public health and the environment;

Require Federal agencies to report in a public manner toxic chemicals entering any wastestream from their facilities, including any releases to the environment, and to improve local emergency planning, response, and accident notification; and

Help encourage markets for clean technologies and safe alternatives to extremely hazardous substances or toxic chemicals through revisions to specifications and standards, the acquisition and procurement process, and the testing of innovative pollution prevention technologies at Federal facilities or in acquisitions;

NOW THEREFORE, by the authority vested in me as President by the Constitution and the laws of the United States of America, including the EPCRA, the PPA, and section 301 of title 5, United States Code, it is hereby ordered as follows:

Section 1. Applicability.

1-101. As delineated below, the head of each Federal agency is responsible for ensuring that all necessary actions are taken for the prevention of pollution with respect to that agency's activities and facilities, and for ensuring that agency's compliance with pollution prevention and emergency planning and community right-to-know provisions established pursuant to all implementing regulations issued pursuant to EPCRA and PPA.

1-102. Except as otherwise noted, this order is applicable to all Federal agencies that either own or operate a "facility" as that term is defined in section 329(4) of EPCRA, if such facility meets the threshold requirements set forth in EPCRA for compliance as modified by section 3-304(b) of this order ("covered facilities"). Except as provided in section 1-103 and section 1-104 below, each Federal agency must apply all of the provisions of this order to each of its covered facilities, including those facilities which are subject, independent of this order, to the provisions of EPCRA and PPA (e.g., certain Government-owned/contractor-operated facilities (GOCO's), for chemicals meeting EPCRA thresholds). This order does not apply to Federal agency facilities outside the customs territory of the United States, such as United States diplomatic and consular missions abroad.

1-103. Nothing in this order alters the obligations which GOCO's and Government corporation facilities have under EPCRA and PPA independent of this order or subjects such facilities to EPCRA or PPA if they are otherwise excluded. However, consistent with section 1-104 below, each Federal agency shall include the releases and transfers from all such facilities when meeting all of the Federal agency's responsibilities under this order.

1-104. To facilitate compliance with this order, each Federal agency shall provide, in all future contracts between the agency and its relevant contractors, for the contractor to supply to the Federal agency all information the Federal agency deems necessary for it to comply with this order. In addition, to the extent that compliance with this order is made more difficult due to lack of information from existing contractors, Federal agencies shall take practical steps to obtain the information needed to comply with this order from such contractors.

Sec. 2-2. Definitions.

2-201. All definitions found in EPCRA and PPA and implementing regulations are incorporated in this order by reference, with the following exception: for the purposes of this order, the term "person", as defined in section 329(7) of EPCRA, also includes Federal agencies.

2-202. *Federal agency* means an Executive agency, as defined in 5 U.S.C. 105. For the purpose of this order, military departments, as defined in 5 U.S.C. 102, are covered under the auspices of the Department of Defense.

2-203. *Pollution Prevention* means "source reduction," as defined in the PPA, and other practices that reduce or eliminate the creation of pollutants through: (a) increased efficiency in the use of raw materials, energy, water, or other resources; or (b) protection of natural resources by conservation.

2-204. *GOCO* means a Government-owned/contractor-operated facility which is owned by the Federal Government but all or portions of which are operated by private contractors.

2-205. *Administrator* means the Administrator of the EPA.

2-206. *Toxic Chemical* means a substance on the list described in section 313(c) of EPCRA.

2-207. *Toxic Pollutants*. For the purposes of section 3-302(a) of this order, the term "toxic pollutants" shall include, but is not necessarily limited to, those chemicals at a Federal facility subject to the provisions of section 313 of EPCRA as of December 1, 1993. Federal agencies also may choose to include releases and transfers of other chemicals, such as "extremely hazardous chemicals" as defined in section 329(3) of EPCRA, hazardous wastes as defined under the Resource Conservation and Recovery Act of 1976 (42 U.S.C. 6901-6986) (RCRA), or hazardous air pollutants under the Clean Air Act Amendments (42 U.S.C. 7403-7626); however, for the purposes of establishing the agency's baseline under 3-302(c), such "other chemicals" are in addition to (not instead of) the section 313 chemicals. The term "toxic pollutants" does not include hazardous waste subject to remedial action generated prior to the date of this order.

Sec. 3-3. Implementation.

3-301. *Federal Agency Strategy*. Within 12 months of the date of this order, the head of each Federal agency must develop a written pollution prevention strategy to achieve the requirements specified in sections 3-302 through 3-305 of this order for that agency. A copy thereof shall be provided to the Administrator. Federal agencies are encouraged to involve the public in developing the required strategies under this order and in monitoring their subsequent progress in meeting the requirements of this order. The strategy shall include, but shall not be limited to, the following elements:

(a) A pollution prevention policy statement, developed by each Federal agency, designating principal responsibilities for development, implementation, and evaluation of the strategy. The statement shall reflect the Federal agency's commitment to incorporate pollution prevention through source reduction in facility management and acquisition, and it shall identify an individual responsible for coordinating the Federal agency's efforts in this area.

(b) A commitment to utilize pollution prevention through source reduction, where practicable, as the primary means of achieving and maintaining compliance with all applicable Federal, State, and local environmental requirements.

3-302. *Toxic Chemical Reduction Goals*. (a) The head of each Federal agency subject to this order shall ensure that the agency develops voluntary goals to reduce the agency's total releases of toxic chemicals to the environment and off-site transfers of such toxic chemicals for treatment and disposal from facilities covered by this order by 50 percent by December 31, 1999. To the maximum extent practicable, such reductions shall be achieved by implementation of source reduction practices.

(b) The baseline for measuring reductions for purposes of achieving the 50 percent reduction goal for each Federal agency shall be the first year in which releases of toxic chemicals to the environment and off-site transfers of such chemicals for treatment and disposal are publicly reported. The baseline amount as to which the 50 percent reduction goal applies shall be the aggregate amount of toxic chemicals reported in the baseline year for all of that Federal agency's facilities meeting the threshold applicability requirements set forth in section 1-102 of this order. In no event shall the baseline be later than the 1994 reporting year.

(c) Alternatively, a Federal agency may choose to achieve a 50 percent reduction goal for toxic pollutants. In such event, the Federal agency shall delineate the scope of its reduction program in the written pollution prevention strategy

that is required by section 3-301 of this order. The baseline for measuring reductions for purposes of achieving the 50 percent reduction requirement for each Federal agency shall be the first year in which releases of toxic pollutants to the environment and off-site transfers of such chemicals for treatment and disposal are publicly reported for each of that Federal agency's facilities encompassed by section 3-301. In no event shall the baseline year be later than the 1994 reporting year. The baseline amount as to which the 50 percent reduction goal applies shall be the aggregate amount of toxic pollutants reported by the agency in the baseline year. For any toxic pollutants included by the agency in determining its baseline under this section, in addition to toxic chemicals under EPCRA, the agency shall report on such toxic pollutants annually under the provisions of section 3-304 of this order, if practicable, or through an agency report that is made available to the public.

(d) The head of each Federal agency shall ensure that each of its covered facilities develops a written pollution prevention plan no later than the end of 1995, which sets forth the facility's contribution to the goal established in section 3-302(a) of this order. Federal agencies shall conduct assessments of their facilities as necessary to ensure development of such plans and of the facilities' pollution prevention programs.

3-303. Acquisition and Procurement Goals. (a) Each Federal agency shall establish a plan and goals for eliminating or reducing the unnecessary acquisition by that agency of products containing extremely hazardous substances or toxic chemicals. Similarly, each Federal agency shall establish a plan and goal for voluntarily reducing its own manufacturing, processing, and use of extremely hazardous substances and toxic chemicals. Priorities shall be developed by Federal agencies, in coordination with EPA, for implementing this section.

(b) Within 24 months of the date of this order, the Department of Defense (DOD) and the General Services Administration (GSA), and other agencies, as appropriate, shall review their agency's standardized documents, including specifications and standards, and identify opportunities to eliminate or reduce the use by their agency of extremely hazardous substances and toxic chemicals, consistent with the safety and reliability requirements of their agency mission. The EPA shall assist agencies in meeting the requirements of this section, including identifying substitutes and setting priorities for these reviews. By 1999, DOD, GSA and other affected agencies shall make all appropriate revisions to these specifications and standards.

(c) Any revisions to the Federal Acquisition Regulation (FAR) necessary to implement this order shall be made within 24 months of the date of this order.

(d) Federal agencies are encouraged to develop and test innovative pollution prevention technologies at their facilities in order to encourage the development of strong markets for such technologies. Partnerships should be encouraged between industry, Federal agencies, Government laboratories, academia, and others to assess and deploy innovative environmental technologies for domestic use and for markets abroad.

3-304. Toxics Release Inventory/Pollution Prevention Act Reporting. (a) The head of each Federal agency shall comply with the provisions set forth in section 313 of EPCRA, section 6607 of PPA, all implementing regulations, and future amendments to these authorities, in light of applicable guidance as provided by EPA.

(b) The head of each Federal agency shall comply with these provisions without regard to the Standard Industrial Classification (SIC) delineations that apply to the Federal agency's facilities, and such reports shall be for all releases, transfers, and wastes at such Federal agency's facility without regard to the SIC code of the activity leading to the release, transfer, or waste. All other existing statutory or regulatory limitations or exemptions on the application of EPCRA section 313 shall apply to the reporting requirements set forth in section 3-304(a) of this order.

(c) The first year of compliance shall be no later than for the 1994 calendar year with reports due on or before July 1, 1995.

3-305. *Emergency Planning and Community Right-to-Know Reporting Responsibilities.* The head of each Federal agency shall comply with the provisions set forth in sections 301 through 312 of EPCRA, all implementing regulations, and future amendments to these authorities in light of any applicable guidance as provided by EPA. Effective dates for compliance shall be: (a) With respect to the provisions of section 302 of EPCRA emergency planning notification shall be made no later than 7 months after the date of this order.

(b) With respect to the provisions of section 303 of EPCRA all information necessary for the applicable Local Emergency Planning Committee (LEPC's) to prepare or revise local Emergency Response Plans shall be provided no later than 1 year after the date of this order.

(c) To the extent that a facility is required to maintain Material Safety Data Sheets under any provisions of law or Executive order, information required under section 311 of EPCRA shall be submitted no later than 1 year after the date of this order, and the first year of compliance with section 312 shall be no later than the 1994 calendar year, with reports due on or before March 1, 1995.

(d) The provisions of section 304 of EPCRA shall be effective beginning January 1, 1994.

(e) These compliance dates are not intended to delay implementation of earlier timetables already agreed to by Federal agencies and are inapplicable to the extent they interfere with those timetables.

Sec. 4-4. *Agency Coordination.*

4-401. By February 1, 1994, the Administrator shall convene an interagency Task Force composed of the Administrator, the Secretaries of Commerce, Defense, and Energy, the Administrator of General Services, the Administrator of the Office of Procurement Policy in the Office of Management and Budget, and such other agency officials as deemed appropriate based upon lists of potential participants submitted to the Administrator pursuant to this section by the agency head. Each agency head may designate other senior agency officials to act in his/her stead, where appropriate. The Task Force will assist the agency heads in the implementation of the activities required under this order.

4-402. Federal agencies subject to the requirements of this order shall submit annual progress reports to the Administrator beginning on October 1, 1995. These reports all include a description of the progress that the agency has made in complying with all aspects of this order, including the pollution reductions requirements. This reporting requirement shall expire after the report due on October 1, 2001.

4-403. *Technical Advice.* Upon request and to the extent practicable, the Administrator shall provide technical advice and assistance to Federal agencies in order to foster full compliance with this order. In addition, to the extent practicable, all Federal agencies subject to this order shall provide technical assistance, if requested, to LEPC's in their development of emergency response plans and in fulfillment of their community right-to-know and risk reduction responsibilities.

4-404. Federal agencies shall place high priority on obtaining funding and resources needed for implementing all aspects of this order, including the pollution prevention strategies, plans, and assessments required by this order, by identifying, requesting, and allocating funds through line-item or direct funding requests. Federal agencies shall make such requests as required in the Federal Agency Pollution Prevention and Abatement Planning Process and through agency budget requests as outlined in Office of Management and Budget (OMB) Circulars A-106 and A-11, respectively. Federal agencies should apply to the maximum extent practicable, a life cycle analysis and total cost accounting principles to all projects needed to meet the requirements of this order.

4-405. *Federal Government Environmental Challenge Program.* The Administrator shall establish a "Federal Government Environmental Challenge Program" to recognize outstanding environmental management performance in Federal agencies and facilities. The program shall consist of two components that challenge Federal agencies; (a) to agree to a code of environmental principles to be developed by EPA, in cooperation with other agencies, that emphasizes pollution prevention, sustainable development and state-of-the-art environmental management programs, and (b) to submit applications to EPA for individual Federal agency facilities for recognition as "Model Installations." The program shall also include a means for recognizing individual Federal employees who demonstrate outstanding leadership in pollution prevention.

Sec 5-5. Compliance.

5-501. By December 31, 1993, the head of each Federal agency shall provide the Administrator with a preliminary list of facilities that potentially meet the requirements for reporting under the threshold provisions of EPCRA, PPA, and this order.

5-502. The head of each Federal agency is responsible for ensuring that such agency take all necessary actions to prevent pollution in accordance with this order, and for that agency's compliance with the provisions of EPCRA and PPA. Compliance with EPCRA and PPA means compliance with the same substantive, procedural, and other statutory and regulatory requirements that would apply to a private person. Nothing in this order shall be construed as making the provisions of sections 325 and 326 of EPCRA applicable to any Federal agency or facility, except to the extent that such Federal agency or facility would independently be subject to such provisions. EPA shall consult with Federal agencies, if requested, to determine the applicability of this order to particular agency facilities.

5-503. Each Federal agency subject to this order shall conduct internal reviews and audits, and take such other steps, as may be necessary to monitor compliance with sections 3-304 and 3-305 of this order.

5-504. The Administrator, in consultation with the heads of Federal agencies, may conduct such reviews and inspections as may be necessary to monitor compliance with sections 3-304 and 3-305 of this order. Except as excluded under section 6-601 of this order, all Federal agencies are encouraged to cooperate fully with the efforts of the Administrator to ensure compliance with sections 3-304 and 3-305 of this order.

5-505. Federal agencies are further encouraged to comply with all state and local right-to-know and pollution prevention requirements to the extent that compliance with such laws and requirements is not otherwise already mandated.

5-506. Whenever the Administrator notifies a Federal agency that it is not in compliance with an applicable provision of this order, the Federal agency shall achieve compliance as promptly as is practicable.

5-507. The EPA shall report annually to the President on Federal agency compliance with the provisions of section 3-304 of this order.

5-508. To the extent permitted by law and unless such documentation is withheld pursuant to section 6-601 of this order, the public shall be afforded ready access to all strategies, plans, and reports required to be prepared by Federal agencies under this order by the agency preparing the strategy, plan, or report. When the reports are submitted to EPA, EPA shall compile the strategies, plans, and reports and make them publicly available as well. Federal agencies are encouraged to provide such strategies, plans, and reports to the State and local authorities where their facilities are located for an additional point of access to the public.

Sec. 6-6. Exemption.

6-601. In the interest of national security, the head of a Federal agency may request from the President an exemption from complying with the provisions of any or all aspects of this order for particular Federal agency facilities, provided that the procedures set forth in section 120(j)(1) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended (42 U.S.C. 9620(j)(1)), are followed. To the maximum extent practicable, and without compromising national security, all Federal agencies shall strive to comply with the purposes, goals, and implementation steps set forth in this order.

Sec. 7-7. General Provisions.

7-701. Nothing in this order shall create any right or benefit, substantive or procedural, enforceable by a party against the United States, its agencies or instrumentalities, its officers or employees, or any other person.

William Clinton

THE WHITE HOUSE.

August 3, 1993.

(FR Doc: 93-19069

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Appendix L

Title 40, CFR, 1995 rev, Part 112.7;
Oil Pollution Prevention

late the requirements of this part 112 by failing or refusing to comply with any of the provisions of § 112.3, § 112.4 or § 112.5 shall be liable for a civil penalty of not more than \$5,000 for each day such violation continues. Civil penalties shall be imposed in accordance with procedures set out in part 114 of this subchapter D.

[57 FR 52705, Nov. 4, 1992]

§ 112.7 Guidelines for the preparation and implementation of a Spill Prevention Control and Countermeasure Plan.

The SPCC Plan shall be a carefully thought-out plan, prepared in accordance with good engineering practices, and which has the full approval of management at a level with authority to commit the necessary resources. If the plan calls for additional facilities or procedures, methods, or equipment not yet fully operational, these items should be discussed in separate paragraphs, and the details of installation and operational start-up should be explained separately. The complete SPCC Plan shall follow the sequence outlined below, and include a discussion of the facility's conformance with the appropriate guidelines listed:

(a) A facility which has experienced one or more spill events within twelve months prior to the effective date of this part should include a written description of each such spill, corrective action taken and plans for preventing recurrence.

(b) Where experience indicates a reasonable potential for equipment failure (such as tank overflow, rupture, or leakage), the plan should include a prediction of the direction, rate of flow, and total quantity of oil which could be discharged from the facility as a result of each major type of failure.

(c) Appropriate containment and/or diversionary structures or equipment to prevent discharged oil from reaching a navigable water course should be provided. One of the following preventive systems or its equivalent should be used as a minimum:

(1) Onshore facilities:

(i) Dikes, berms or retaining walls sufficiently impervious to contain spilled oil;

(ii) Curbing;

(iii) Culverting, gutters or other drainage systems;

(iv) Weirs, booms or other barriers;

(v) Spill diversion ponds;

(vi) Retention ponds;

(vii) Sorbent materials.

(2) Offshore facilities:

(i) Curbing, drip pans;

(ii) Sumps and collection systems.

(d) When it is determined that the installation of structures or equipment listed in § 112.7(c) to prevent discharged oil from reaching the navigable waters is not practicable from any onshore or offshore facility, the owner or operator should clearly demonstrate such impracticability and provide the following:

(1) A strong oil spill contingency plan following the provision of 40 CFR part 109.

(2) A written commitment of manpower, equipment and materials required to expeditiously control and remove any harmful quantity of oil discharged.

(e) In addition to the minimal prevention standards listed under § 112.7(c), sections of the Plan should include a complete discussion of conformance with the following applicable guidelines, other effective spill prevention and containment procedures (or, if more stringent, with State rules, regulations and guidelines):

(1) *Facility drainage (onshore); (excluding production facilities).* (i) Drainage from diked storage areas should be restrained by valves or other positive means to prevent a spill or other excessive leakage of oil into the drainage system or inplant effluent treatment system, except where plan systems are designed to handle such leakage. Diked areas may be emptied by pumps or ejectors; however, these should be manually activated and the condition of the accumulation should be examined before starting to be sure no oil will be discharged into the water.

(ii) Flapper-type drain valves should not be used to drain diked areas. Valves used for the drainage of diked areas should, as far as practical, be of manual, open-and-closed design. When plant drainage drains directly into water courses and not into wastewater treatment plants, retained storm water should be inspected as provided in

Environmental Protection Agency

paragraphs (e)(2)(iii) (B), (C) and (D) of this section before drainage.

(iii) Plant drainage systems from undiked areas should, if possible, flow into ponds, lagoons or catchment basins, designed to retain oil or return it to the facility. Catchment basins should not be located in areas subject to periodic flooding.

(iv) If plant drainage is not engineered as above, the final discharge of all in-plant ditches should be equipped with a diversion system that could, in the event of an uncontrolled spill, return the oil to the plant.

(v) Where drainage waters are treated in more than one treatment unit, natural hydraulic flow should be used. If pump transfer is needed, two "lift" pumps should be provided, and at least one of the pumps should be permanently installed when such treatment is continuous. In any event, whatever techniques are used facility drainage systems should be adequately engineered to prevent oil from reaching navigable waters in the event of equipment failure or human error at the facility.

(2) *Bulk storage tanks (onshore); (excluding production facilities).* (i) No tank should be used for the storage of oil unless its material and construction are compatible with the material stored and conditions of storage such as pressure and temperature, etc.

(ii) All bulk storage tank installations should be constructed so that a secondary means of containment is provided for the entire contents of the largest single tank plus sufficient freeboard to allow for precipitation. Diked areas should be sufficiently impervious to contain spilled oil. Dikes, containment curbs, and pits are commonly employed for this purpose, but they may not always be appropriate. An alternative system could consist of a complete drainage trench enclosure arranged so that a spill could terminate and be safely confined in an in-plant catchment basin or holding pond.

(iii) Drainage of rainwater from the diked area into a storm drain or an effluent discharge that empties into an open water course, lake, or pond, and bypassing the in-plant treatment system may be acceptable if:

(A) The bypass valve is normally sealed closed.

(B) Inspection of the run-off rain water ensures compliance with applicable water quality standards and will not cause a harmful discharge as defined in 40 CFR part 110.

(C) The bypass valve is opened, and resealed following drainage under responsible supervision.

(D) Adequate records are kept of such events.

(iv) Buried metallic storage tanks represent a potential for undetected spills. A new buried installation should be protected from corrosion by coatings, cathodic protection or other effective methods compatible with local soil conditions. Such buried tanks should at least be subjected to regular pressure testing.

(v) Partially buried metallic tanks for the storage of oil should be avoided, unless the buried section of the shell is adequately coated, since partial burial in damp earth can cause rapid corrosion of metallic surfaces, especially at the earth/air interface.

(vi) Aboveground tanks should be subject to periodic integrity testing, taking into account tank design (floating roof, etc.) and using such techniques as hydrostatic testing, visual inspection or a system of non-destructive shell thickness testing. Comparison records should be kept where appropriate, and tank supports and foundations should be included in these inspections. In addition, the outside of the tank should frequently be observed by operating personnel for signs of deterioration, leaks which might cause a spill, or accumulation of oil inside diked areas.

(vii) To control leakage through defective internal heating coils, the following factors should be considered and applied, as appropriate.

(A) The steam return or exhaust lines from internal heating coils which discharge into an open water course should be monitored for contamination, or passed through a settling tank, skimmer, or other separation or retention system.

(B) The feasibility of installing an external heating system should also be considered.

(C) New and old tank installations should, as far as practical, be fail-safe engineered or updated into a fail-safe engineered installation to avoid spills. Consideration should be given to providing one or more of the following devices:

(A) High liquid level alarms with an audible or visual signal at a constantly manned operation or surveillance station; in smaller plants an audible air vent may suffice.

(B) Considering size and complexity of the facility, high liquid level pump cutoff devices set to stop flow at a predetermined tank content level.

(C) Direct audible or code signal communication between the tank gauger and the pumping station.

(D) A fast response system for determining the liquid level of each bulk storage tank such as digital computers, telepulse, or direct vision gauges or their equivalent.

(E) Liquid level sensing devices should be regularly tested to insure proper operation.

(ix) Plant effluents which are discharged into navigable waters should have disposal facilities observed frequently enough to detect possible system upsets that could cause an oil spill event.

(x) Visible oil leaks which result in a loss of oil from tank seams, gaskets, rivets and bolts sufficiently large to cause the accumulation of oil in diked areas should be promptly corrected.

(xi) Mobile or portable oil storage tanks (onshore) should be positioned or located so as to prevent spilled oil from reaching navigable waters. A secondary means of containment, such as dikes or catchment basins, should be furnished for the largest single compartment or tank. These facilities should be located where they will not be subject to periodic flooding or washout.

(3) *Facility transfer operations, pumping, and in-plant process (onshore)*, (excluding production facilities). (i) Buried piping installations should have a protective wrapping and coating and should be cathodically protected if soil conditions warrant. If a section of buried line is exposed for any reason, it should be carefully examined for deterioration. If corrosion damage is found, additional examination and corrective

action should be taken as indicated by the magnitude of the damage. An alternative would be the more frequent use of exposed pipe corridors or galleries.

(ii) When a pipeline is not in service, or in standby service for an extended time the terminal connection at the transfer point should be capped or blank-flanged, and marked as to origin.

(iii) Pipe supports should be properly designed to minimize abrasion and corrosion and allow for expansion and contraction.

(iv) All aboveground valves and pipelines should be subjected to regular examinations by operating personnel at which time the general condition of items, such as flange joints, expansion joints, valve glands and bodies, catch pans, pipeline supports, locking of valves, and metal surfaces should be assessed. In addition, periodic pressure testing may be warranted for piping in areas where facility drainage is such that a failure might lead to a spill event.

(v) Vehicular traffic granted entry into the facility should be warned verbally or by appropriate signs to be sure that the vehicle, because of its size, will not endanger above ground piping.

(4) *Facility tank car and tank truck loading/unloading rack (onshore)*. (i) Tank car and tank truck loading/unloading procedures should meet the minimum requirements and regulation established by the Department of Transportation.

(ii) Where rack area drainage does not flow into a catchment basin or treatment facility designed to handle spills, a quick drainage system should be used for tank truck loading and unloading areas. The containment system should be designed to hold at least maximum capacity of any single compartment of a tank car or tank truck loaded or unloaded in the plant.

(iii) An interlocked warning light or physical barrier system, or warning signs, should be provided in loading/unloading areas to prevent vehicular departure before complete disconnect of flexible or fixed transfer lines.

(iv) Prior to filling and departure of any tank car or tank truck, the lowermost drain and all outlets of such vehicles should be closely examined for leakage, and if necessary, tightened,

adjusted, or replaced to prevent liquid leakage while in transit.

(5) *Oil production facilities (onshore)*—(i) *Definition*. An onshore production facility may include all wells, flowlines, separation equipment, storage facilities, gathering lines, and auxiliary non-transportation-related equipment and facilities in a single geographical oil or gas field operated by a single operator.

(ii) *Oil production facility (onshore) drainage*. (A) At tank batteries and central treating stations where an accidental discharge of oil would have a reasonable possibility of reaching navigable waters, the dikes or equivalent required under § 112.7(c)(1) should have drains closed and sealed at all times except when rainwater is being drained. Prior to drainage, the diked area should be inspected as provided in paragraphs (e)(2)(iii) (B), (C), and (D) of this section. Accumulated oil on the rainwater should be picked up and returned to storage or disposed of in accordance with approved methods.

(B) Field drainage ditches, road ditches, and oil traps, sumps or skimmers, if such exist, should be inspected at regularly scheduled intervals for accumulation of oil that may have escaped from small leaks. Any such accumulations should be removed.

(iii) *Oil production facility (onshore) bulk storage tanks*. (A) No tank should be used for the storage of oil unless its material and construction are compatible with the material stored and the conditions of storage.

(B) All tank battery and central treating plant installations should be provided with a secondary means of containment for the entire contents of the largest single tank if feasible, or alternate systems such as those outlined in § 112.7(c)(1). Drainage from undiked areas should be safely confined in a catchment basin or holding pond.

(C) All tanks containing oil should be visually examined by a competent person for condition and need for maintenance on a scheduled periodic basis. Such examination should include the foundation and supports of tanks that are above the surface of the ground.

(D) New and old tank battery installations should, as far as practical, be fail-safe engineered or updated into a

fail-safe engineered installation to prevent spills. Consideration should be given to one or more of the following:

(1) Adequate tank capacity to assure that a tank will not overflow should a pumper/gauger be delayed in making his regular rounds.

(2) Overflow equalizing lines between tanks so that a full tank can overflow to an adjacent tank.

(3) Adequate vacuum protection to prevent tank collapse during a pipeline run.

(4) High level sensors to generate and transmit an alarm signal to the computer where facilities are a part of a computer production control system.

(iv) *Facility transfer operations, oil production facility (onshore)*. (A) All above ground valves and pipelines should be examined periodically on a scheduled basis for general condition of items such as flange joints, valve glands and bodies, drip pans, pipeline supports, pumping well polish rod stuffing boxes, bleeder and gauge valves.

(B) Salt water (oil field brine) disposal facilities should be examined often, particularly following a sudden change in atmospheric temperature to detect possible system upsets that could cause an oil discharge.

(C) Production facilities should have a program of flowline maintenance to prevent spills from this source. The program should include periodic examinations, corrosion protection, flowline replacement, and adequate records, as appropriate, for the individual facility.

(6) *Oil drilling and workover facilities (onshore)*. (i) Mobile drilling or workover equipment should be positioned or located so as to prevent spilled oil from reaching navigable waters.

(ii) Depending on the location, catchment basins or diversion structures may be necessary to intercept and contain spills of fuel, crude oil, or oily drilling fluids.

(iii) Before drilling below any casing string or during workover operations, a blowout prevention (BOP) assembly and well control system should be installed that is capable of controlling any well head pressure that is expected to be encountered while that BOP assembly is on the well. Casing and BOP installations should be in accordance

with State regulatory agency requirements.

(7) *Oil drilling, production, or workover facilities (offshore).* (i) Definition: "An oil drilling, production or workover facility (offshore)" may include all drilling or workover equipment, wells, flowlines, gathering lines, platforms, and auxiliary nontransportation-related equipment and facilities in a single geographical oil or gas field operated by a single operator.

(ii) Oil drainage collection equipment should be used to prevent and control small oil spillage around pumps, glands, valves, flanges, expansion joints, hoses, drain lines, separators, treaters, tanks, and allied equipment. Drains on the facility should be controlled and directed toward a central collection sump or equivalent collection system sufficient to prevent discharges of oil into the navigable waters of the United States. Where drains and sumps are not practicable oil contained in collection equipment should be removed as often as necessary to prevent overflow.

(iii) For facilities employing a sump system, sump and drains should be adequately sized and a spare pump or equivalent method should be available to remove liquid from the sump and assure that oil does not escape. A regular scheduled preventive maintenance inspection and testing program should be employed to assure reliable operation of the liquid removal system and pump start-up device. Redundant automatic sump pumps and control devices may be required on some installations.

(iv) In areas where separators and treaters are equipped with dump valves whose predominant mode of failure is in the closed position and pollution risk is high, the facility should be specially equipped to prevent the escape of oil. This could be accomplished by extending the flare line to a diked area if the separator is near shore, equipping it with a high liquid level sensor that will automatically shut-in wells producing to the separator, parallel redundant dump valves, or other feasible alternatives to prevent oil discharges.

(v) Atmospheric storage or surge tanks should be equipped with high liquid level sensing devices or other ac-

ceptable alternatives to prevent oil discharges.

(vi) Pressure tanks should be equipped with high and low pressure sensing devices to activate an alarm and/or control the flow or other acceptable alternatives to prevent oil discharges.

(vii) Tanks should be equipped with suitable corrosion protection.

(viii) A written procedure for inspecting and testing pollution prevention equipment and systems should be prepared and maintained at the facility. Such procedures should be included as part of the SPCC Plan.

(ix) Testing and inspection of the pollution prevention equipment and systems at the facility should be conducted by the owner or operator on a scheduled periodic basis commensurate with the complexity, conditions and circumstances of the facility or other appropriate regulations.

(x) Surface and subsurface well shut-in valves and devices in use at the facility should be sufficiently described to determine method of activation or control, e.g., pressure differential, change in fluid or flow conditions, combination of pressure and flow, manual or remote control mechanisms. Detailed records for each well, while not necessarily part of the plan should be kept by the owner or operator.

(xi) Before drilling below any casing string, and during workover operations a blowout preventer (BOP) assembly and well control system should be installed that is capable of controlling any well-head pressure that is expected to be encountered while that BOP assembly is on the well. Casing and BOP installations should be in accordance with State regulatory agency requirements.

(xii) Extraordinary well control measures should be provided should emergency conditions, including fire, loss of control and other abnormal conditions, occur. The degree of control system redundancy should vary with hazard exposure and probable consequences of failure. It is recommended that surface shut-in systems have redundant or "fail close" valving. Subsurface safety valves may not be needed in producing wells that will not flow

but should be installed as required by applicable State regulations.

(xiii) In order that there will be no misunderstanding of joint and separate duties and obligations to perform work in a safe and pollution free manner, written instructions should be prepared by the owner or operator for contractors and subcontractors to follow whenever contract activities include servicing a well or systems appurtenant to a well or pressure vessel. Such instructions and procedures should be maintained at the offshore production facility. Under certain circumstances and conditions such contractor activities may require the presence at the facility of an authorized representative of the owner or operator who would intervene when necessary to prevent a spill event.

(xiv) All manifolds (headers) should be equipped with check valves on individual flowlines.

(xv) If the shut-in well pressure is greater than the working pressure of the flowline and manifold valves up to and including the header valves associated with that individual flowline, the flowline should be equipped with a high pressure sensing device and shut-in valve at the wellhead unless provided with a pressure relief system to prevent over pressuring.

(xvi) All pipelines appurtenant to the facility should be protected from corrosion. Methods used, such as protective coatings or cathodic protection, should be discussed.

(xvii) Sub-marine pipelines appurtenant to the facility should be adequately protected against environmental stresses and other activities such as fishing operations.

(xviii) Sub-marine pipelines appurtenant to the facility should be in good operating condition at all times and inspected on a scheduled periodic basis for failures. Such inspections should be documented and maintained at the facility.

(8) *Inspections and records.* Inspections required by this part should be in accordance with written procedures developed for the facility by the owner or operator. These written procedures and a record of the inspections, signed by the appropriate supervisor or inspector, should be made part of the SPCC

Plan and maintained for a period of three years.

(9) *Security (excluding oil production facilities).* (i) All plants handling, processing, and storing oil should be fully fenced, and entrance gates should be locked and/or guarded when the plant is not in production or is unattended.

(ii) The master flow and drain valves and any other valves that will permit direct outward flow of the tank's content to the surface should be securely locked in the closed position when in non-operating or non-standby status.

(iii) The starter control on all oil pumps should be locked in the "off" position or located at a site accessible only to authorized personnel when the pumps are in a non-operating or non-standby status.

(iv) The loading/unloading connections of oil pipelines should be securely capped or blank-flanged when not in service or standby service for an extended time. This security practice should also apply to pipelines that are emptied of liquid content either by draining or by inert gas pressure.

(v) Facility lighting should be commensurate with the type and location of the facility. Consideration should be given to: (A) Discovery of spills occurring during hours of darkness, both by operating personnel, if present, and by non-operating personnel (the general public, local police, etc.) and (B) prevention of spills occurring through acts of vandalism.

(10) *Personnel, training and spill prevention procedures.* (i) Owners or operators are responsible for properly instructing their personnel in the operation and maintenance of equipment to prevent the discharges of oil and applicable pollution control laws, rules and regulations.

(ii) Each applicable facility should have a designated person who is accountable for oil spill prevention and who reports to line management.

(iii) Owners or operators should schedule and conduct spill prevention briefings for their operating personnel at intervals frequent enough to assure adequate understanding of the SPCC Plan for that facility. Such briefings should highlight and describe known spill events or failures, malfunctioning

components, and recently developed precautionary measures.

§ 112.20 Facility response plans.

(a) The owner or operator of any non-transportation-related onshore facility that, because of its location, could reasonably be expected to cause substantial harm to the environment by discharging oil into or on the navigable waters or adjoining shorelines shall prepare and submit a facility response plan to the Regional Administrator, according to the following provisions:

(1) For the owner or operator of a facility in operation on or before February 18, 1993 who is required to prepare and submit a response plan under 33 U.S.C. 1321(j)(5), the Oil Pollution Act of 1990 (Pub. L. 101-380, 33 U.S.C. 2701 *et seq.*) requires the submission of a response plan that satisfies the requirements of 33 U.S.C. 1321(j)(5) no later than February 18, 1993.

(i) The owner or operator of an existing facility that was in operation on or before February 18, 1993 who submitted a response plan by February 18, 1993 shall revise the response plan to satisfy the requirements of this section and resubmit the response plan or updated portions of the response plan to the Regional Administrator by February 18, 1995.

(ii) The owner or operator of an existing facility in operation on or before February 18, 1993 who failed to submit a response plan by February 18, 1993 shall prepare and submit a response plan that satisfies the requirements of this section to the Regional Administrator before August 30, 1994.

(2) The owner or operator of a facility in operation on or after August 30, 1994 that satisfies the criteria in paragraph (f)(1) of this section or that is notified by the Regional Administrator pursuant to paragraph (b) of this section shall prepare and submit a facility response plan that satisfies the requirements of this section to the Regional Administrator.

(i) For a facility that commenced operations after February 18, 1993 but prior to August 30, 1994, and is required to prepare and submit a response plan based on the criteria in paragraph (f)(1) of this section, the owner or operator shall submit the response plan or up-

dated portions of the response plan, along with a completed version of the response plan cover sheet contained in Appendix F to this part, to the Regional Administrator prior to August 30, 1994.

(ii) For a newly constructed facility that commences operation after August 30, 1994, and is required to prepare and submit a response plan based on the criteria in paragraph (f)(1) of this section, the owner or operator shall submit the response plan, along with a completed version of the response plan cover sheet contained in Appendix F to this part, to the Regional Administrator prior to the start of operations (adjustments to the response plan to reflect changes that occur at the facility during the start-up phase of operations must be submitted to the Regional Administrator after an operational trial period of 60 days).

(iii) For a facility required to prepare and submit a response plan after August 30, 1994, as a result of a planned change in design, construction, operation, or maintenance that renders the facility subject to the criteria in paragraph (f)(1) of this section, the owner or operator shall submit the response plan, along with a completed version of the response plan cover sheet contained in Appendix F to this part, to the Regional Administrator before the portion of the facility undergoing change commences operations (adjustments to the response plan to reflect changes that occur at the facility during the start-up phase of operations must be submitted to the Regional Administrator after an operational trial period of 60 days).

(iv) For a facility required to prepare and submit a response plan after August 30, 1994, as a result of an unplanned event or change in facility characteristics that renders the facility subject to the criteria in paragraph (f)(1) of this section, the owner or operator shall submit the response plan, along with a completed version of the response plan cover sheet contained in Appendix F to this part, to the Regional Administrator within six months of the unplanned event or change.

(3) In the event the owner or operator of a facility that is required to prepare

Environmental Protection Agency

and submit a response plan uses an alternative formula that is comparable to one contained in Appendix C to this part to evaluate the criterion in paragraph (f)(1)(ii)(B) or (f)(1)(ii)(C) of this section, the owner or operator shall attach documentation to the response plan cover sheet contained in Appendix F to this part that demonstrates the reliability and analytical soundness of the alternative formula.

(b)(1) The Regional Administrator may at any time require the owner or operator of any non-transportation-related onshore facility to prepare and submit a facility response plan under this section after considering the factors in paragraph (f)(2) of this section. If such a determination is made, the Regional Administrator shall notify the facility owner or operator in writing and shall provide a basis for the determination. If the Regional Administrator notifies the owner or operator in writing of the requirement to prepare and submit a response plan under this section, the owner or operator of the facility shall submit the response plan to the Regional Administrator within six months of receipt of such written notification.

(2) The Regional Administrator shall review plans submitted by such facilities to determine whether the facility could, because of its location, reasonably be expected to cause significant and substantial harm to the environment by discharging oil into or on the navigable waters or adjoining shorelines.

(c) The Regional Administrator shall determine whether a facility could, because of its location, reasonably be expected to cause significant and substantial harm to the environment by discharging oil into or on the navigable waters or adjoining shorelines, based on the factors in paragraph (f)(3) of this section. If such a determination is made, the Regional Administrator shall notify the owner or operator of the facility in writing and:

(1) Promptly review the facility response plan;

(2) Require amendments to any response plan that does not meet the requirements of this section;

(3) Approve any response plan that meets the requirements of this section; and

(4) Review each response plan periodically thereafter on a schedule established by the Regional Administrator provided that the period between plan reviews does not exceed five years.

(d)(1) The owner or operator of a facility for which a response plan is required under this part shall revise and resubmit revised portions of the response plan within 60 days of each facility change that materially may affect the response to a worst case discharge, including:

(i) A change in the facility's configuration that materially alters the information included in the response plan;

(ii) A change in the type of oil handled, stored, or transferred that materially alters the required response resources;

(iii) A material change in capabilities of the oil spill removal organization(s) that provide equipment and personnel to respond to discharges of oil described in paragraph (h)(5) of this section;

(iv) A material change in the facility's spill prevention and response equipment or emergency response procedures; and

(v) Any other changes that materially affect the implementation of the response plan.

(2) Except as provided in paragraph (d)(1) of this section, amendments to personnel and telephone number lists included in the response plan and a change in the oil spill removal organization(s) that does not result in a material change in support capabilities do not require approval by the Regional Administrator. Facility owners or operators shall provide a copy of such changes to the Regional Administrator as the revisions occur.

(3) The owner or operator of a facility that submits changes to a response plan as provided in paragraph (d)(1) or (d)(2) of this section shall provide the EPA-issued facility identification number (where one has been assigned) with the changes.

(4) The Regional Administrator shall review for approval changes to a response plan submitted pursuant to paragraph (d)(1) of this section for a fa-

Appendix M

Glossary

GLOSSARY

Abbreviations:

AR	-Army Regulation
AST	-Above Ground Storage Tank
CAA	-Clean Air Act
CERCLA	-Comprehensive Environmental Response, Compensation, Liability Act
CFR	-Code of Federal Regulations
CWA	-Clean Water Act
DEC	-Department of Environmental Conservation
DLA	-Defense Logistics Agency
DOD	-Department of Defense
ECC	-Environmental Compliance Coordinator
EM	-Engineering Manual
EO	-Executive Order
EPA	-Environmental Protection Agency
EPCRA	-Emergency Planning and Community Right-to-Know Act
ERGO	-Environmental Review Guide for Operations
FY	-Fiscal Year
GSA	-General Services Administration
MEK	-Methyl Ethyl Ketone
MSDS	-Material Safety Data Sheets
NED	-New England Division
NFPA	-National Fire Protection Association
NGVD	-National Geodetic Vertical Datum

P2 -Pollution Prevention

PCBs -Polychlorinated Biphenols

RCRA -Resource, Conservation, and Recovery Act

RQ -Reportable Quantity

SCP -Spill Contingency Plan

SPCCP -Spill Prevention, Control, and Countermeasure Plan

TRI -Toxics Release Inventory

USACE -U.S. Army Corps of Engineers

UST -Underground Storage Tank

VOCs -Volatile Organic Compounds

VT -Vermont

Terms:

Disposal: The discharge, deposit, injection, dumping, spilling, leaking, or placing of any solid waste or hazardous waste into or on any land or water so that such waste (or any constituent thereof) may enter the environment or be emitted into the air or discharged into any waters, including groundwater.

Environment: Any one of the following: navigable waters, near-shore and open waters and any surface waters, groundwater, drinking water supply, land surface or subsurface area, and ambient air.

Hazardous Waste: The Resource Conservation and Recovery Act (RCRA) defines hazardous waste as a solid waste (including liquids and gases), or a combination of solid wastes which may, because of its quantity, concentration, or physical, chemical, or infectious characteristics:

a. cause or significantly contribute to an increase in mortality or in serious irreversible, or incapacitating illness; or

b. pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, disposed of, or otherwise managed.

Certain types of solid wastes are excluded from regulation as hazardous waste. See 40 CFR 261.4 for the complete listing of exclusions.

Hazardous Substance: For the purpose of this plan, a hazardous substance is any one of the following:

- a. Any substance designated pursuant to Section 311 (b) (2) (A) of the CWA.
- b. Any element, compound, mixture, solution, or substance designated pursuant to Section 102 or 101 (14) of the CERCLA (see Appendix D3)
- c. Any hazardous air pollutant under Section 112 of the CAA.

The term does not include (1) petroleum, including crude oil or any fraction thereof, which is not specifically listed or designated as a hazardous substance in the above definition; or (2) natural gas, natural gas liquids, liquified natural gas, or synthetic gas used for fuel (or mixtures of natural gas and such synthetic gas).

Manifest: The shipping document EPA Form 8700-22, and if necessary, EPA Form 8700-22A, originated, signed, and distributed in accordance with the instructions supplied with the manifest form and applicable state requirements.

National Geodetic Vertical Datum: Formerly called "Sea Level Datum of 1929," the datum was derived from the average sea level over a period of many years at 26 tide stations along the Atlantic, Gulf of Mexico, and Pacific Coasts, but it does not necessarily represent local mean sea level at any particular place.

Oil: Oil of any kind or in any form, including but not limited to, petroleum, fuel oil, sludge, oil refuse, and oil mixed with wastes other than dredged spoil.

Reportable Concentration: The threshold (minimum) concentration in soil or groundwater which requires notification to the DEP.

Reportable Quantity: The threshold (minimum) quantity for a CERCLA hazardous substance spill established in Table 302.4 of 40 CFR part 302.

Secondary Containment: Any measure which will retain a spill of the entire contents of the primary container for a sufficient

period so that it can be collected or removed without contaminating the environment. Containment must be sufficiently impermeable to contain any spilled material and is normally sized for additional freeboard to allow for precipitation. Any spill that would occur on an impervious surface (e.g. concrete floor or bituminous parking lot) that did not contaminate the environment would be within secondary containment. Secondary containment includes basins, berms, catchment areas, curbing, dikes, drip pans, relief vessels, retaining walls, vaults, and similar devices.

Sheen: An iridescent appearance on the surface of water, normally caused by the presence of oil.

Solid Waste: Waste that includes garbage, refuse, and sludge as well as any solid, semi-solid, liquid, or contained gaseous material that is discarded. A discarded material is one that has been determined to be an inherently waste-like material by the EPA Administrator. Under certain circumstances, recycled materials are considered discarded materials (and therefore solid wastes) if they are used in a manner constituting disposal, burned for energy recovery, reclaimed, or accumulated speculatively. Certain wastes are excluded from being classified as solid wastes. See 40 CFR 261.2 for wastes that are excluded.

Spill: A generic term which encompasses the accidental or deliberate but unpermitted discharge or release of a pollutant.

Appendix N

References

REFERENCES

Title 29, CFR, 1994 rev, Part 1910.106; Flammable and Combustible Liquids

Title 40, CFR, 1994 rev, Part 112; Oil Pollution Prevention

Title 40, CFR, 1994 rev, Part 114; Civil Penalties for Violation of Oil Pollution Prevention Regulations

Title 40, CFR, 1994 rev, Part 116; Designation of Hazardous Substances

Title 40, CFR, 1994 rev, Part 117; Determination of Reportable Quantities for Hazardous Substances

Title 40, CFR, 1994 rev, Part 300; National Oil and Hazardous Substances Pollution Contingency Plan

Title 40, CFR, 1994 rev, Part 302; Designation, Reportable Quantities, and Notification

Title 40, CFR, 1994 rev, Part 355; Emergency Planning and Notification

Title 40, CFR, 1994 rev, Part 372; Toxic Chemical Release Reporting: Community Right-To-Know

State of Vermont Hazardous Waste Management Regulations, Section 7, August 1991

State of Vermont, August 1994, Markets and Special Services Directory For Reusable and Recyclable Materials

EM 385-1-1, October 1992, Safety and Health Requirements Manual

AR 200-1, April 1990; Environmental Protection Enhancement

Executive Order 12856, August 3, 1993, Federal Compliance and Right-to-Know Laws and Pollution Prevention Requirements

NFPA 30, 1990 Edition, Flammable and Combustible Liquids Code

Appendix O

Amendments/Changes to P2 Plan